



**TMH** ®



Catalogue

**SWITCHES**



-  Most articles stated in this catalogue are available from stock, unless they were sold out after the publication of this catalogue. Contact us if you require a similar article that is not shown in this catalogue: alternatives might be available. TVH is a supplier of spare parts and accessories suitable for OEM-equipment. OEM-references and makes are purely indicative and do not imply that the accessories and/or spare parts originate from the original equipment or parts manufacturer. Please consult our general terms and conditions of sale on [www.tvh.com/avv](http://www.tvh.com/avv).
-   
 De meeste in deze catalogus vermelde artikelen zijn uit voorraad leverbaar, tenzij ze na publicatie van deze catalogus uitverkocht werden. Contacteer ons indien u een gelijkaardig artikel wenst dat niet in deze catalogus is opgenomen: het is mogelijk dat wij ook dit kunnen leveren. TVH is een leverancier van reserveonderdelen en accessoires geschikt voor OEM-uitrusting. OEM-referenties en merken zijn enkel indicatief en betekenen niet dat de accessoires en/of onderdelen afkomstig zijn van de originele toestel- of onderdelenfabrikant. Gelieve onze algemene verkoopsvoorwaarden te consulteren op [www.tvh.com/avv](http://www.tvh.com/avv).
-  La plupart des articles mentionnés dans ce catalogue sont disponibles sauf si épuisement du stock à la publication de ce catalogue. Contactez-nous si vous souhaitez un article similaire qui n'est pas repris dans ce catalogue : il est possible que nous pouvons vous le fournir. TVH est un fournisseur de pièces détachées et d'accessoires adaptables sur des marques constructeurs. Les références et marques constructeurs sont uniquement indicatives et n'impliquent pas que les accessoires et/ou pièces proviennent du fabricant de la machine ou de la pièce d'origine. Veuillez consulter nos conditions générales de vente sur [www.tvh.com/avv](http://www.tvh.com/avv).
-  Die in dieser Liste aufgeführten Artikel sind in der Regel ab Lager lieferbar es sei denn, sie sind nach der Veröffentlichung des vorliegenden Katalogs ausverkauft. Kontaktieren Sie uns wenn Sie einen ähnlichen Artikel benötigen dieser aber nicht im Katalog enthalten ist: Alternativen könnten verfügbar sein. TVH ist Lieferant von Ersatzteilen und Zubehör die für die OEM – Ausstattung geeignet sind. OEM-Referenzen und Marken sind rein Indikativ und bedeuten nicht, dass das Zubehör und/ oder Ersatzteile vom Originalgeräte- oder Ersatzteilersteller sind. Druckfehler vorbehalten. Alle Verkäufe unterliegen den allgemeinen Geschäftsbedingungen [www.tvh.com/avv](http://www.tvh.com/avv).
-  La mayoría de los artículos que figuran en este catálogo se encuentran en stock, a menos que tras la publicación de este catálogo se hayan agotado. Contacte con nosotros si desea un artículo similar que no se halle en este catálogo : es posible que podamos ofrecerle aquel que usted necesita. TVH es un proveedor de recambios y accesorios adecuados para equipos OEM. Las referencias y marcas OEM mencionadas son meramente indicativas y no implican que los accesorios y / o recambios procedan del fabricante de maquinaria o recambios original. Por favor, consulte nuestras condiciones de venta en [www.tvh.com/avv](http://www.tvh.com/avv).
-  A maioria dos artigos indicados neste catálogo estão disponíveis em stock, a menos que tenham sido vendidos após a publicação deste catálogo. Contate-nos se precisar de um artigo semelhante que não seja mostrado neste catálogo: alternativas podem estar disponíveis. A TVH é um fornecedor de peças de reposição e acessórios que são adequados para equipamentos OEM. As referências e as marcas OEM são meramente indicativas e não implicam que os acessórios e/ou peças de substituição são provenientes do fabricante original do equipamento ou das peças. Favor consulte nossos termos e condições gerais de venda no [www.tvh.com/avv](http://www.tvh.com/avv).
-  La maggior parte dei ricambi elencati in questo catalogo sono a stock, a meno che dopo la pubblicazione di questo catalogo sono stati venduti. Contattemi se desiderate un articolo simile che non è riportato in questo catalogo: è possibile che possiamo offrire anche questi. TVH è un fornitore di pezzi di ricambio e accessori per OEM, riferimenti OEM e marche sono solo indicativi e non implicano che gli accessori e/o di componenti derivino dal costruttore originale o dal produttore del componente. Si prega di consultare i nostri termini di vendita su [www.tvh.com/avv](http://www.tvh.com/avv).
-  Części z tego katalogu są zazwyczaj na stanie magazynowym. Również części które nie są wyszczególnione w katalogu mogą być dostarczone na zamówienie w najkrótszym możliwym terminie. Opis części O.E.M. jest używany informacyjnie i nie wskazuje na to, że dany produkt jest wyprodukowany przez podanego producenta. Zawartość katalogu może ulec zmianie bez wcześniejszego informowania o tym. Wszystkie użyte zdjęcia, rysunki, nazwy marek, opis i numery służą tylko do identyfikacji. Proszę zapoznać się z naszymi ogólnymi warunkami sprzedaży na [www.tvh.com/avv](http://www.tvh.com/avv).
-  Запчасти из настоящего списка, как правило, имеются в запасе, если только он не распродан. Прочие, не фигурирующие в списке артикулы, могут быть поставлены в самые кратчайшие сроки. Указание оригинальных номеров производителя не предполагает обязательного оригинального происхождения самих деталей. Данный список может изменяться без предварительного уведомления. Все использованные фото, рисунки, иллюстрации, названия брендов, наименования и номера служат исключительно для цели идентификации. Пожалуйста, ознакомьтесь с нашими общими условиями продажи на [www.tvh.com/avv](http://www.tvh.com/avv).





passionate people  
clear communication **happy customers**  
**smart solutions** excellent experiences  
**strong ambitions**

Dear customer,

In 1969 Paul Thermote and Paul Vanhalst began servicing and selling agricultural machinery, construction machinery and forklift trucks. Today, TVH is one of the most respected names in the material handling industry. Over the past 50 years we have grown from 2 founders to more than 6000 employees with offices and distribution facilities on every continent.

We are committed to being the worldwide leading supplier of quality replacement parts, safety equipment, and accessories for the material handling and industrial equipment industry. While we take pride in our quality products, we know that without our customers, we would not exist. We are continually striving to increase our product range and to improve our services in order to be the true one-stop shop for our valued customers.

We are looking forward to working with you.

The Thermote & Vanhalst families



Watch our  
company movie.



# HOW CAN WE SERVE YOU?



## All parts, all makes



Computer-controlled stock management  
> 500 000 m<sup>2</sup> of warehousing



One-stop shop  
> 750 000 stock items



Webshop & online support  
> 37 000 000 known references



Technically skilled employees  
Assistance in 37 languages  
64 nationalities



65 parts branches worldwide  
Happy customers in over 170 countries  
Same-day shipment, next-day delivery



## Quality is our priority

Is quality also a priority in your business? Rely on TVH as your partner.

In-depth product knowledge and specific testing equipment allows us to continuously improve processes and quality standards.



## Strong brands, guaranteed quality

TVH is your global one-stop shop for parts and accessories for material handling, industrial and agricultural equipment. Regardless of the make, type and year of construction of your material handling or industrial equipment machine: TVH always has a solution.

Reliable products and services contribute to the day-to-day success of your company. That's why we at TVH choose top quality brands for our maintenance, repair and operation products, just like you do.

In addition, our strong house brands guarantee an excellent range and quality standard for mechanical and hydraulic attachments, internal transport equipment, battery chargers and accessories ...

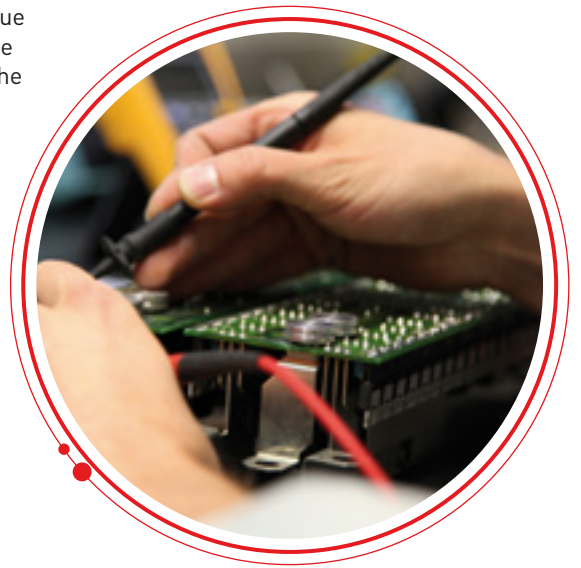




## What can you expect more?

Our offer of **reconditioned parts** is unique in the market. Our technicians follow the strictest quality procedures to finalise the reconditioning. After extensive testing, the parts are then placed in stock.

We also repair **electronic parts** in our high-tech electronics department. Our range includes printed circuit boards, electronic speed controllers, displays, chargers, contactors, joysticks, accelerators and directional switches.



Discover our outlet store with new and second-hand products at rock-bottom prices.

Go to [www.tvh.com/tvhbay](http://www.tvh.com/tvhbay)



**Visit our webshop whenever and wherever you want.**

Request your login details now and benefit from the many advantages offered in MyTotalSource!



Discover the possibilities of the **MyTotalSource app**.

The MyTotalSource app offers you the possibility to request offers, place orders and scan bar codes of references from your smartphone.

**For any questions, call or mail our help desk for free support:**

**T +32 56 43 48 66**  
**[ecommerce@tvh.com](mailto:ecommerce@tvh.com)**

# www.tvh.com

## TVH EQUIPMENT

### Second-hand equipment & Electric warehousing



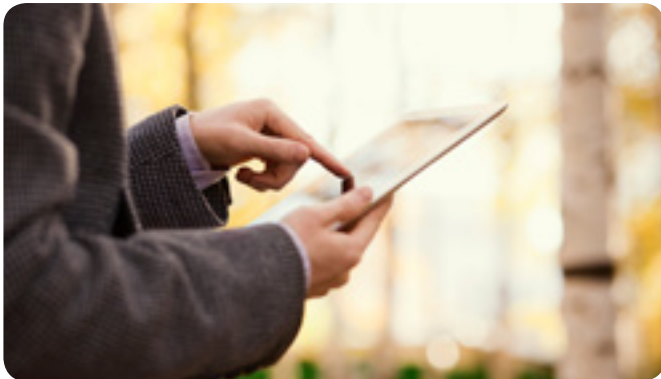
- 600 lift trucks in stock
- 300 mobile elevating work platforms
- Telehandlers and all-terrain trucks
- Masts and attachments

Go to [www.tvh-used-equipment.com](http://www.tvh-used-equipment.com)





# STAY INFORMED



**DOWNLOAD CATALOGUES &  
WATCH PRODUCT MOVIES**

[www.tvh.com/downloads](http://www.tvh.com/downloads)



**SUBSCRIBE TO OUR NEWSLETTER**

[www.tvh.com/newsletter](http://www.tvh.com/newsletter)



**READ BLOG POSTS WITH TIPS & TRICKS**

[www.tvh.com/blog](http://www.tvh.com/blog)



**FOLLOW US ON SOCIAL MEDIA**





<b>About TVH</b> .....	<b>I</b>
<b>Table of contents</b> .....	<b>A</b>
· English/Dutch .....	A
· French/German .....	B
· Spanish/Portuguese .....	C
· Italian/Polish .....	D
· Russian .....	E
<b>Nice to know</b> .....	<b>1</b>
· Nice to know .....	2
<b>Microswitches</b> .....	<b>5</b>
· Technical sheet .....	6
· Microswitches 1 piece .....	17
· Microswitches 2 pieces .....	79
· Microswitches 3 pieces .....	87
· Microswitches 4 pieces .....	93
· Microswitches 5 pieces .....	95
<b>Limit switches</b> .....	<b>97</b>
· Technical sheet .....	98
· Limit switches 1 piece .....	109
· Limit switches 2 pieces .....	185
<b>Toggle switches</b> .....	<b>191</b>
· Technical sheet .....	192
· Complete range .....	208
<b>Rocker switches</b> .....	<b>225</b>
· Technical sheet .....	226
· Complete range .....	251
<b>Steering column switches</b> .....	<b>287</b>
· Technical sheet .....	288
· Complete range .....	299
<b>Battery switches</b> .....	<b>345</b>
· Technical sheet .....	346
· Complete range .....	356
<b>Emergency switches</b> .....	<b>361</b>
· Technical sheet .....	362
· Complete range .....	369
<b>Miscellaneous</b> .....	<b>387</b>
<b>Workshop &amp; warehouse supplies and PPE</b> .....	<b>391</b>

<b>Over TVH</b> .....	<b>I</b>
<b>Inhoudstafel</b> .....	<b>A</b>
· Engels/Nederlands .....	A
· Frans/Duits .....	B
· Spaans/Portugees .....	C
· Italiaans/Pool .....	D
· Russisch .....	E
<b>Goed om te weten</b> .....	<b>1</b>
· Goed om te weten .....	2
<b>Microschakelaars</b> .....	<b>5</b>
· Technische fiche .....	6
· Microschakelaars 1 stuk .....	17
· Microschakelaars 2 stuks .....	79
· Microschakelaars 3 stuks .....	87
· Microschakelaars 4 stuks .....	93
· Microschakelaars 5 stuks .....	95
<b>Eindschakelaars</b> .....	<b>97</b>
· Technische fiche .....	98
· Eindschakelaars 1 stuk .....	109
· Eindschakelaars 2 stuks .....	185
<b>Tuimelschakelaars</b> .....	<b>191</b>
· Technische fiche .....	192
· Compleet gamma .....	208
<b>Wipschakelaars</b> .....	<b>225</b>
· Technische fiche .....	226
· Compleet gamma .....	251
<b>Stuurkolomschakelaars</b> .....	<b>287</b>
· Technische fiche .....	288
· Compleet gamma .....	299
<b>Batterijschakelaars</b> .....	<b>345</b>
· Technische fiche .....	346
· Compleet gamma .....	356
<b>Noodstop-schakelaars</b> .....	<b>361</b>
· Technische fiche .....	362
· Compleet gamma .....	369
<b>Diversen</b> .....	<b>387</b>
<b>Magazijn-, werkplaatsbenodigdheden en PBM</b> .....	<b>391</b>



<b>À propos de TVH</b> .....	<b>I</b>
<b>Table des matières</b> .....	<b>A</b>
· Anglais/Néerlandais .....	A
· Français/Allemand .....	B
· Espagnol/Portugais .....	C
· Italien/Polonais .....	D
· Russe .....	E
<b>Bon à savoir</b> .....	<b>1</b>
· Bon à savoir .....	2
<b>Microrupteurs</b> .....	<b>5</b>
· Fiche technique .....	6
· Microrupteurs 1 pièce .....	17
· Microrupteurs 2 pièces .....	79
· Microrupteurs 3 pièces .....	87
· Microrupteurs 4 pièces .....	93
· Microrupteurs 5 pièces .....	95
<b>Interrupteurs de fin de course</b> .....	<b>97</b>
· Fiche technique .....	98
· Interrupteurs de fin de course 1 pièce .....	109
· Interrupteurs de fin de course 2 pièces .....	185
<b>Interrupteurs à levier</b> .....	<b>191</b>
· Fiche technique .....	192
· Gamme complète .....	208
<b>Interrupteurs à bascule</b> .....	<b>225</b>
· Fiche technique .....	226
· Gamme complète .....	251
<b>Commutateurs de colonne de direction</b> .....	<b>287</b>
· Fiche technique .....	288
· Gamme complète .....	299
<b>Interrupteurs de batterie</b> .....	<b>345</b>
· Fiche technique .....	346
· Gamme complète .....	356
<b>Boutons d'arrêt d'urgence</b> .....	<b>361</b>
· Fiche technique .....	362
· Gamme complète .....	369
<b>Divers</b> .....	<b>387</b>
<b>Fournitures d'atelier, d'entrepôt et EPI</b> .....	<b>391</b>

<b>Über TVH</b> .....	<b>I</b>
<b>Inhaltsverzeichnis</b> .....	<b>A</b>
· Englisch/Niederländisch .....	A
· Französisch/Deutsch .....	B
· Spanisch/Portugiesisch .....	C
· Italienisch/Polnisch .....	D
· Russisch .....	E
<b>Gut zu wissen</b> .....	<b>1</b>
· Gut zu wissen .....	2
<b>Mikroschalter</b> .....	<b>5</b>
· Technisches Datenblatt .....	6
· Mikroschalter 1 Stück .....	17
· Mikroschalter 2 Stück .....	79
· Mikroschalter 3 Stück .....	87
· Mikroschalter 4 Stück .....	93
· Mikroschalter 5 Stück .....	95
<b>Endschalter</b> .....	<b>97</b>
· Technisches Datenblatt .....	98
· Endschalter 1 Stück .....	109
· Endschalter 2 Stück .....	185
<b>Kippschalter</b> .....	<b>191</b>
· Technisches Datenblatt .....	192
· Vollständiges Sortiment .....	208
<b>Wippschalter</b> .....	<b>225</b>
· Technisches Datenblatt .....	226
· Vollständiges Sortiment .....	251
<b>Lenksäulenschalter</b> .....	<b>287</b>
· Technisches Datenblatt .....	288
· Vollständiges Sortiment .....	299
<b>Batterieschalter</b> .....	<b>345</b>
· Technisches Datenblatt .....	346
· Vollständiges Sortiment .....	356
<b>Notschalter</b> .....	<b>361</b>
· Technisches Datenblatt .....	362
· Vollständiges Sortiment .....	369
<b>Sonstige</b> .....	<b>387</b>
<b>Werkstatt- &amp; Lagerbedarf und PSA</b> .....	<b>391</b>



<b>Acerca de TVH</b> .....	<b>I</b>
<b>Índice</b> .....	<b>A</b>
· Inglés/Neerlandés .....	A
· Francés/Alemán .....	B
· Español/Portugués .....	C
· Italiano/Polaco .....	D
· Ruso .....	E
<b>¿Sabía que...?</b> .....	<b>1</b>
· ¿Sabía que...? .....	2
<b>Microinterruptores</b> .....	<b>5</b>
· Hoja técnica .....	6
· Microinterruptores 1 pieza .....	17
· Microinterruptores 2 piezas .....	79
· Microinterruptores 3 piezas .....	87
· Microinterruptores 4 piezas .....	93
· Microinterruptores 5 piezas .....	95
<b>Interruptores de límite</b> .....	<b>97</b>
· Hoja técnica .....	98
· Interruptores de límite 1 pieza .....	109
· Interruptores de límite 2 piezas .....	185
<b>Interruptores de palanca</b> .....	<b>191</b>
· Hoja técnica .....	192
· Gama completa .....	208
<b>Interruptores basculantes</b> .....	<b>225</b>
· Hoja técnica .....	226
· Gama completa .....	251
<b>Interruptores de la columna de dirección</b> .....	<b>287</b>
· Hoja técnica .....	288
· Gama completa .....	299
<b>Interruptores de batería</b> .....	<b>345</b>
· Hoja técnica .....	346
· Gama completa .....	356
<b>Interruptores de emergencia</b> .....	<b>361</b>
· Hoja técnica .....	362
· Gama completa .....	369
<b>Otros</b> .....	<b>387</b>
<b>Suministros de taller y almacén y EPI</b> .....	<b>391</b>

<b>Sobre a TVH</b> .....	<b>I</b>
<b>Índice</b> .....	<b>A</b>
· Inglês/Holandês .....	A
· Francês/Alemão .....	B
· Espanhol/Português .....	C
· Italiano/Polonês .....	D
· Russo .....	E
<b>Bom saber</b> .....	<b>1</b>
· Bom saber .....	2
<b>Microinterruptores</b> .....	<b>5</b>
· Ficha técnica .....	6
· Interruptores 1 peça .....	17
· Interruptores 2 peças .....	79
· Interruptores 3 peças .....	87
· Interruptores 4 peças .....	93
· Interruptores 5 peças .....	95
<b>Interruptor fim de curso</b> .....	<b>97</b>
· Ficha técnica .....	98
· Interruptor fim de curso 1 peça .....	109
· Interruptores fim de curso 2 peças .....	185
<b>Interruptores de alternância</b> .....	<b>191</b>
· Ficha técnica .....	192
· Gama completa .....	208
<b>Interruptores basculantes</b> .....	<b>225</b>
· Ficha técnica .....	226
· Gama completa .....	251
<b>Interruptores de coluna de direção</b> .....	<b>287</b>
· Ficha técnica .....	288
· Gama completa .....	299
<b>Interruptores de batería</b> .....	<b>345</b>
· Ficha técnica .....	346
· Gama completa .....	356
<b>Interruptores de emergência</b> .....	<b>361</b>
· Ficha técnica .....	362
· Gama completa .....	369
<b>Vários</b> .....	<b>387</b>
<b>Material de oficina &amp; armazém e PPE</b> .....	<b>391</b>



<b>A proposito di TVH</b> .....	<b>I</b>	<b>O TVH</b> .....	<b>I</b>
<b>Indice</b> .....	<b>A</b>	<b>Spis treści</b> .....	<b>A</b>
· Inglese/Olandese .....	A	· Angielski/Holenderski .....	A
· Francese/Tedesco .....	B	· Francuski/Niemiecki .....	B
· Spagnolo/Portoghese .....	C	· Hiszpański/Portugalski .....	C
· Italiano/Polacco .....	D	· Włoski/Polski .....	D
· Russo .....	E	· Rosyjski .....	E
<b>Utile da sapere</b> .....	<b>1</b>	<b>Dobrze wiedzieć</b> .....	<b>1</b>
· Utile da sapere .....	2	· Dobrze wiedzieć .....	2
<b>Microinterruttori</b> .....	<b>5</b>	<b>Mikroprzetaczniki</b> .....	<b>5</b>
· Scheda tecnica .....	6	· Formularz techniczny .....	6
· Microinterruttori 1 pezzo .....	17	· Mikroprzetaczniki 1 sztuka .....	17
· Microinterruttori 2 pezzi .....	79	· Mikroprzetaczniki 2 sztuki .....	79
· Microinterruttori 3 pezzi .....	87	· Mikroprzetaczniki 3 sztuki .....	87
· Microinterruttori 4 pezzi .....	93	· Mikroprzetaczniki 4 sztuki .....	93
· Microinterruttori 5 pezzi .....	95	· Mikroprzetaczniki 5 sztuk .....	95
<b>Interruttori di fine corsa</b> .....	<b>97</b>	<b>Wyłączniki krańcowe</b> .....	<b>97</b>
· Scheda tecnica .....	98	· Formularz techniczny .....	98
· Interruttori di fine corsa 1 pezzo .....	109	· Wyłączniki krańcowe 1 sztuka .....	109
· Interruttori di fine corsa 2 pezzi .....	185	· Wyłączniki krańcowe 2 sztuki .....	185
<b>Interruttori a levetta</b> .....	<b>191</b>	<b>Przetaczniki</b> .....	<b>191</b>
· Scheda tecnica .....	192	· Formularz techniczny .....	192
· Gamma completa .....	208	· Pełna gama .....	208
<b>Interruttori a bilanciere</b> .....	<b>225</b>	<b>Przetaczniki kotyiskowe</b> .....	<b>225</b>
· Scheda tecnica .....	226	· Formularz techniczny .....	226
· Gamma completa .....	251	· Pełna gama .....	251
<b>Interruttori piantone sterzo</b> .....	<b>287</b>	<b>Przetaczniki kolumny kierownicy</b> .....	<b>287</b>
· Scheda tecnica .....	288	· Formularz techniczny .....	288
· Gamma completa .....	299	· Pełna gama .....	299
<b>Interruttori per batterie</b> .....	<b>345</b>	<b>Przetaczniki do baterii</b> .....	<b>345</b>
· Scheda tecnica .....	346	· Formularz techniczny .....	346
· Gamma completa .....	356	· Pełna gama .....	356
<b>Interruttori d'arresto di emergenza</b> .....	<b>361</b>	<b>Wyłączniki awaryjne</b> .....	<b>361</b>
· Scheda tecnica .....	362	· Formularz techniczny .....	362
· Gamma completa .....	369	· Pełna gama .....	369
<b>Varie</b> .....	<b>387</b>	<b>Różne produkty</b> .....	<b>387</b>
<b>Forniture per officina &amp; magazzino e DPI</b> .....	<b>391</b>	<b>Materiały warsztatowe i magazynowe oraz środki ochrony osobistej</b> .....	<b>391</b>



<b>Кратко о TVH</b> .....	<b>I</b>
<b>Оглавление</b> .....	<b>A</b>
· Английский/Голландский .....	A
· Французский/Немецкий .....	B
· Испанский/Португальский .....	C
· Итальянский/Польский .....	D
· Русский .....	E
<b>Полезно знать</b> .....	<b>1</b>
· Полезно знать.....	2
<b>Микропереключатели</b> .....	<b>5</b>
· Технические данные .....	6
· Микропереключатели 1 шт.....	17
· Микропереключатели 2 шт.....	79
· Микропереключатели 3 шт.....	87
· Микропереключатели 4 шт.....	93
· Микропереключатели 5 шт.....	95
<b>Концевые выключатели</b> .....	<b>97</b>
· Технические данные .....	98
· Концевые выключатели 1 шт.....	109
· Концевые выключатели 2 шт.....	185
<b>Рычажные переключатели</b> .....	<b>191</b>
· Технические данные .....	192
· Полный ассортимент.....	208
<b>Клавишные переключатели</b> .....	<b>225</b>
· Технические данные .....	226
· Полный ассортимент.....	251
<b>Переключатели рулевых колонок</b> .....	<b>287</b>
· Технические данные .....	288
· Полный ассортимент.....	299
<b>Аккумуляторные переключатели</b> .....	<b>345</b>
· Технические данные .....	346
· Полный ассортимент.....	356
<b>Аварийные переключатели</b> .....	<b>361</b>
· Технические данные .....	362
· Полный ассортимент.....	369
<b>Прочее</b> .....	<b>387</b>
<b>Материалы для мастерских и складов, СИЗ</b> .....	<b>391</b>





**NICE TO KNOW**



## SWITCHES

A switch is an electromechanical device. It contains an actuator that's mechanically linked to a set of contact points. When an object comes into contact with the actuator, the device operates the contacts to make or break an electrical connection.



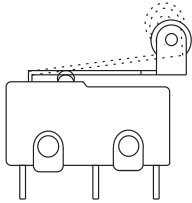
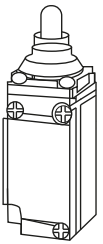
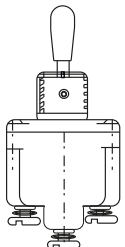
Our electronics department, which is responsible for quality, performs exhaustive tests to ensure your machine will function perfectly.

Crouzet Switches chose TVH Parts to be their official distributor for the Benelux region based on the enormous logistics platform TVH offers. You benefit from faster delivery, as well as the possibility of having switches adapted to your unique needs.

### In this catalogue you'll find:

- microswitches
- limit switches
- toggle switches
- rocker switches
- steering column switches
- battery switches
- emergency switches
- miscellaneous switches (foot switches, push switches, pull switches, rotary switches, cam switches)

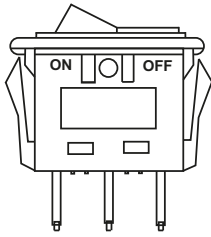
In fact, the range of switches we supply at TVH is so extensive, we can't squeeze it all into one catalogue. Are you looking for something that's not here? Just contact our sales team. They will be happy to help you.

<p><b>Microswitches</b></p> 	<p>Microswitches are present in almost everything you see. They play an essential role in the function of tiller heads, steering column switches, seats, control panels, foot pedals and any number of other applications ...</p> <p>Our microswitches are high-precision, snap-action microswitches. They are renowned for:</p> <ul style="list-style-type: none"> <li>· their high ratings and small dimensions</li> <li>· very short travel</li> <li>· low operating force</li> <li>· high reliability of travel and force values</li> <li>· long life</li> <li>· offering a large range of actuators for easy adaptation to a wide variety of applications</li> </ul> <p>TVH is the official distributor of <b>Crouzet Switches</b> in Europe. Of course, we also stock other brands with the same great price-quality ratio.</p>
<p><b>Limit switches</b></p> 	<p>A limit switch is operated by the motion of a machine part or the presence of an object that trips it. Limit switches are used for controlling machinery as part of a control system, as a safety interlock, or to count objects as they pass a specific point.</p> <p>Just like microswitches, limit switches are everyday switches installed all over the world in all types of industrial machinery.</p>
<p><b>Toggle switches</b></p> 	<p>A toggle switch - or tumbler switch - is an electrical switch that is manually operated by a mechanical lever, handle, or rocking mechanism.</p> <p>A 'toggle switch' is any switch with a short handle and a positive snap-action, whether it actually contains a toggle mechanism or not.</p>



## SWITCHES

### Rocker switches

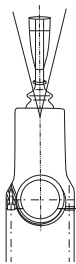


A rocker switch is a switch that rocks from one side to the other when you press it; one side is raised and the other side is depressed. The reason for the name? This motion is considered to be a lot like the back-and-forth movement of a rocking horse.

There may be a circle (indicating 'off') at one end of a rocker switch, and a vertical line (indicating 'on') at the other to let you know whether the device is turned 'on' or 'off'. Of course, there are many other different ways this is shown.

A rocker switch with independent circuitry may have a light activated on the face of the switch in both the 'on' and 'off' positions. This is perfect for light switches; it's wonderfully convenient for finding them in the dark.

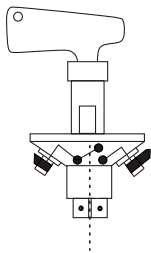
### Steering column switches



With their compact design and integrated mounting brackets, steering column switches are ideal for installation directly into the steering column of a vehicle or of machinery.

Steering column switches are most commonly used for indicators, wiper unit actuators, switches for headlights, for the horn and a number of other applications.

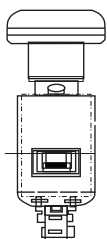
### Battery switches



Battery disconnect switches are used to connect or disconnect electrical devices from an electrical system. They help prevent battery drain when the battery is not being used.

Please note: It's important that your battery switch has the correct voltage and amperage. If not, you might unintentionally supercharge your battery switch.

### Emergency switches



An emergency switch, also known as a 'kill switch', is a safety mechanism used to shut down machinery in emergency situations. They quickly disconnect batteries and other power supplies in the event of electrical faults. Most of our emergency switches are intended for use with battery-powered vehicles, but we also have emergency switches suitable for use with static power systems.

Are you replacing an old emergency switch? Make sure you have the piece you need. The part number is on the label on the switch. Please contact our Sales department for any special requests or questions.

### Miscellaneous

Are you looking for something that you cannot find? We have so many other switches in our range, we can't describe them all in this catalogue. Whether it's one of the switch types we have already covered, or a push button, foot, rotary, cam or pull switch, please contact our Sales department. You'll have what you need before you know it.

### Workshop supplies, warehouse supplies and personal protective equipment (PPE)

Everything you need to make your workplace or workshop safe for everyone who sets foot inside. From spill control to personal care and cleaning products, you'll be able to operate with ultimate safety and the efficiency that keeps your business booming.





## SWITCHES

### Structure of the catalogue

In this catalog, the micro switches and limit switches are sorted by:

1. Centre distance: the distance between two mounting holes
2. Type of lever: straight lever, simulated lever, roller lever, ...
3. Type of connection: solder or screw connection, faston, cable, pin,...

MICROSWITCHES				
Center distance: 22,2 mm				
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contact
	Straight lever	Cable (500 mm)	2	

LIMIT SWITCHES				
Center distance: 20 mm				
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contact
	Adjustable roller arm	Cable (975 mm)	1	

In addition to these three mentioned specifications, the type of contact is also very important:

#### NO/NC/CO:

- NO contact: normally open
- NC contact: normally closed
- CO contact: change over

normally open

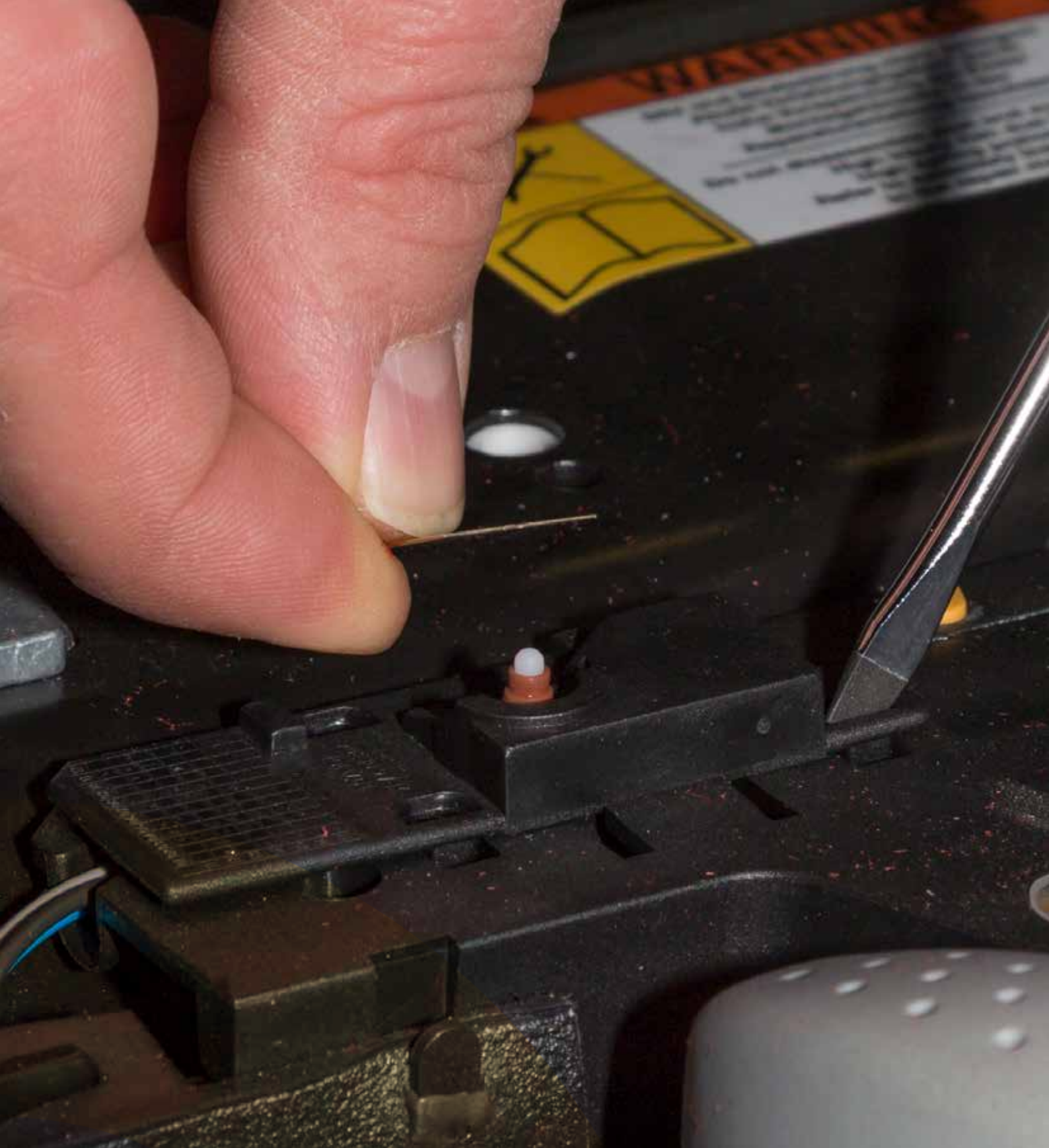


normally closed



change over





 myPS MyProductSearch

# MICROSWITCHES



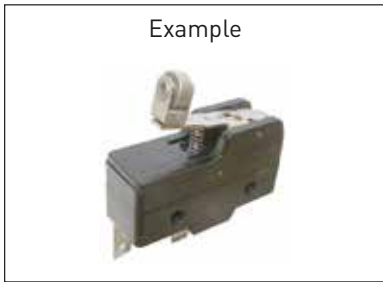
TECHNICAL SHEET



TECHNICAL SHEET

## MICROSWITCH

Group  
**02-03-05-00**



Customer details

Type of machine: .....

Price inquiry

Serial n° machine: .....

Order

AT-AS ..... Number of connections

TY-AS ..... Type of connection:

- A = solder connection*
- B = screw connection*
- C = covered screw connection*
- D = 2,8 mm FASTON*
- E = 4,75 mm FASTON*
- F = 6,35 mm FASTON*
- G = cable*
- H = cable with connector*
- I = printed circuit board pin*
- J = pin*
- S = special*

If different types combined, sort alphabetically

AT-NO ..... Number of normally open contacts (NO)

AT-NC ..... Number of normally closed contacts (NC)

AT-CO ..... Number of change-over contacts (CO)

AT-BG ..... Number of connection holes  
(if connection holes are used for assembly: AT-BG = 0)



## TECHNICAL SHEET

C ..... Centre distance:

- A = 4,8 mm
- B = 7,0 mm
- C = 9,5 mm
- D = 13,2 mm
- E = 15,9 mm
- F = 17,0 mm
- G = 17,45 mm
- H = 19,0 mm
- I = 22,2 mm
- J = 25,4 mm
- K = 26,6 mm
- L = 28,0 mm
- M = 30,0 mm
- N = 32,8 mm
- O = 54,0 mm
- S = *speciaal*

Combinations possible, use in increasing order  
If slot mounting, use biggest length

MAT1 ..... Material of the housing:

- KS = *plastic*
- M = *metal*
- RB = *rubber*

TY-HB ..... Type of lever:

- A = *pin plunger*
- B = *panel mount plunger*
- C = *straight lever*
- D = *long straight lever*
- E = *simulated lever*
- F = *long simulated lever*
- G = *roller lever*
- H = *long roller lever*
- I = *roller plunger*
- J = *flexible rod*
- S = *special*

MAT2 ..... Material of the roller:

- KS = *plastic*
- M = *metal*

POS-ROL ..... Position of the roller:

- S = *standard*
- G = *turned 90°*

D ..... Diameter of the roller

I ..... Current

L ..... Length of the cable, if present

AT-SCH ..... Number of switches



## TECHNICAL SHEET

### TY-AS: TYPE OF CONNECTION

**Type A**  
Solder connection



**Type B**  
Screw connection



**Type C**  
Covered screw connection



**Type D**  
2,8 mm FASTON



**Type E**  
4,75 mm FASTON



**Type F**  
6,35 mm FASTON



**Type G**  
Cable



**Type H**  
Cable with connector



**Type I**  
Printed circuit board pin



**Type J**  
Pin



**Type S**  
Special



## TECHNICAL SHEET

### TY-HB: TYPE OF LEVER

**Type A**  
Pin plunger



**Type B**  
Panel mount plunger



**Type C**  
Straight lever



**Type D**  
Long straight lever



**Type E**  
Simulated lever



**Type F**  
Long simulated lever



**Type G**  
Roller lever



**Type H**  
Long roller lever



**Type I**  
Roller plunger



**Type J**  
Flexible rod

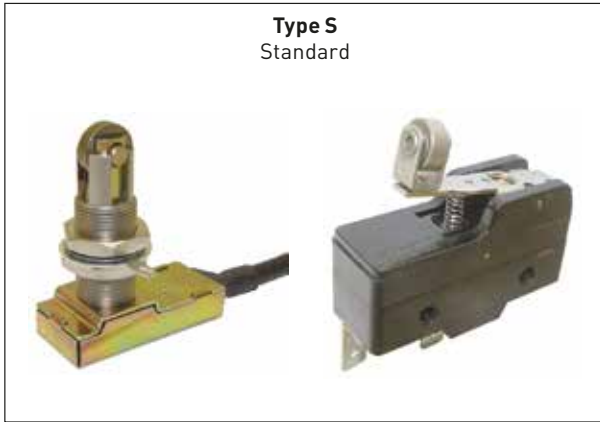


**Type S**  
Special



## TECHNICAL SHEET

### POS-ROL: POSITION OF THE ROLLER



TVH PARTS NV  
Brabantstraat 15 · 8790 Waregem · Belgium  
T +32 56 43 42 11 · F +32 56 43 44 88 · info@tvh.com · www.tvh.com  
BTW BE 0425 399 042 · RLP Gent – division Kortrijk 0425 399 042  
BNP Paribas Fortis 285-0448248-40 · IBAN BE02 2850 4482 4840 · SWIFT/BIC GEBABEBB





## TECHNICAL SHEET



C ..... Centerafstand tussen bevestigingsgaten of montagepinnen:

- A = 4,8 mm
- B = 7,0 mm
- C = 9,5 mm
- D = 13,2 mm
- E = 15,9 mm
- F = 17,0 mm
- G = 17,45 mm
- H = 19,0 mm
- I = 22,2 mm
- J = 25,4 mm
- K = 26,6 mm
- L = 28,0 mm
- M = 30,0 mm
- N = 32,8 mm
- O = 54,0 mm
- S = speciaal

Combinatie mogelijk, de diverse mogelijkheden opsommen in oplopende volgorde  
Bij sleufmontage, altijd de grootste afstand nemen

MAT1 ..... Materiaal van de behuizing:

- KS = kunststof
- M = metaal
- RB = rubber

TY-HB ..... Type bediening:

- A = pin plunjer
- B = plunjer met paneelbevestiging
- C = hefboom
- D = lange hefboom
- E = gesimuleerde hefboom
- F = lange gesimuleerde hefboom
- G = hefboom met roller
- H = lange hefboom met roller
- I = roller plunjer
- J = flexibele stang
- S = speciaal

MAT2 ..... Materiaal van de roller:

- KS = kunststof
- M = metaal

POS-ROL ..... Positie van de roller:

- S = standaard
- G = 90° gedraaid

D ..... Diameter van de roller

I ..... Stroom

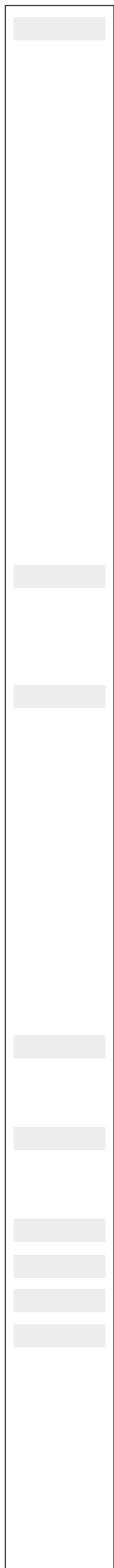
L ..... Lengte van de kabel, indien aanwezig

AT-SCH ..... Aantal microschemelaars





## TECHNICAL SHEET

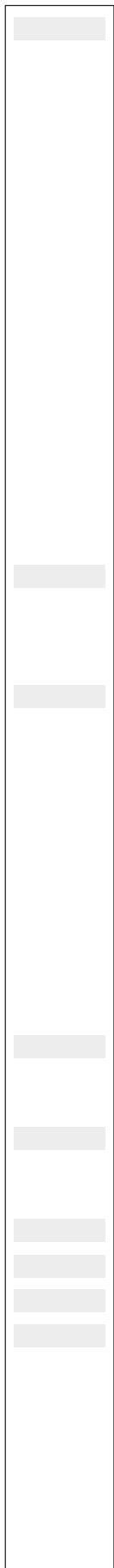


- C ..... Entraxe entre les trous de fixation ou les chevilles de montage :
- A = 4,8 mm
  - B = 7,0 mm
  - C = 9,5 mm
  - D = 13,2 mm
  - E = 15,9 mm
  - F = 17,0 mm
  - G = 17,45 mm
  - H = 19,0 mm
  - I = 22,2 mm
  - J = 25,4 mm
  - K = 26,6 mm
  - L = 28,0 mm
  - M = 30,0 mm
  - N = 32,8 mm
  - O = 54,0 mm
  - S = special
- Combinaison possible, inscrire les différentes possibilités dans l'ordre alphabétique. Pour montage avec rainure, prendre la plus grande distance
- MAT1 ..... Matière du boîtier :
- KS = *plastique*
  - M = *métal*
  - RB = *caoutchouc*
- TY-HB ..... Type de commande :
- A = *bouton*
  - B = *montage sur panneau*
  - C = *levier*
  - D = *levier long*
  - E = *galet simulé*
  - F = *galet simulé long*
  - G = *levier à galet*
  - H = *levier à galet long*
  - I = *bouton a galet*
  - J = *tige oscillante*
  - S = *spécial*
- MAT2 ..... Matière du galet :
- KS = *plastique*
  - M = *métal*
- POS-ROL ..... Position du galet :
- S = *standard*
  - G = *tourné à 90°*
- D ..... Diamètre du galet
- I ..... Ampérage
- L ..... Longueur du câble, si présent
- AT-SCH ..... Nombre de microrupteurs





## TECHNICAL SHEET



C ..... Mittenabstand der Befestigungslöcher:

- A = 4,8 mm
- B = 7,0 mm
- C = 9,5 mm
- D = 13,2 mm
- E = 15,9 mm
- F = 17,0 mm
- G = 17,45 mm
- H = 19,0 mm
- I = 22,2 mm
- J = 25,4 mm
- K = 26,6 mm
- L = 28,0 mm
- M = 30,0 mm
- N = 32,8 mm
- O = 54,0 mm
- S = *speciaal*

Kombinationen möglich, bitte geben Sie die Kombination steigend an  
Bei Nutbefestigung, geben Sie bitte die größte Länge an

MAT1 ..... Material vom Gehäuse:

- KS = *Kunststoff*
- M = *Metall*
- RB = *Gummi*

TY-HB ..... Art der Handhabung:

- A = *Pin Plugger*
- B = *Panel Plunger*
- C = *Hebel*
- D = *langer Hebel*
- E = *simulierter Hebel*
- F = *langer simulierter Hebel*
- G = *Rollhebel*
- H = *langer Rollhebel*
- I = *Roll plunger*
- J = *flexiber Hebel*
- S = *Spezial*

MAT2 ..... Material of roller:

- KS = *Kunststoff*
- M = *Metall*

POS-ROL ..... Position der Rolle:

- S = *Standard*
- G = *90° gedreht*

D ..... Rollendurchmesser

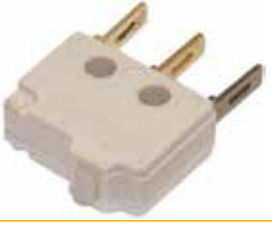


I ..... Stromstärke

L ..... Länge des kabels falls vorhanden

AT-SCH ..... Anzahl Schalter



Centre distance: 4,8 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	2,8 mm FASTON		1		5	<a href="#">146TA3763</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Straight lever	Solder connection		1		0,1	<a href="#">145TA9646</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Straight lever	Solder connection		1		0,1	<a href="#">151TA2266</a>



**Centre distance: 9,5 mm**

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	Solder connection		1		10	<a href="#">146TA1468</a>
	Long roller lever	Cable with connector (110 mm)			1	10	<a href="#">146TA1369</a>
	Long roller lever	Cable with connector (330 mm)	1			1,5	<a href="#">151TA1483</a>
	Long roller lever	Cable with connector (1300 mm)	1			6	<a href="#">145TA9758</a>
	Long roller lever	PCB pin		1		5	<a href="#">145TA9481</a>
	Long roller lever	PCB pin		1		5	<a href="#">145TA9589</a>
	Long roller lever	Solder connection		1		0,1	<a href="#">145TA9678</a>
	Long roller lever	Solder connection		1		3	<a href="#">146TA1068</a>



**Centre distance: 9,5 mm**

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Solder connection		1		3	<a href="#">146TA1204</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Solder connection		1		10	<a href="#">146TA1076</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long simulated lever	2,8 mm FASTON		1		3	<a href="#">164TA9816</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long simulated lever	Cable (500 mm)		1		5	<a href="#">146TA1531</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long simulated lever	Cable (500 mm)		1		5	<a href="#">145TA9480</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long simulated lever	Cable with connector (420 mm)		1		5	<a href="#">161TA7383</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long simulated lever	PCB pin		1		1	<a href="#">146TA1388</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long simulated lever	PCB pin		1		6	<a href="#">145TA9568</a>



Centre distance: 9,5 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable (510 mm)		1		6	<a href="#">145TA9680</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable with connector (145 mm)		1		6	<a href="#">145TA9752</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable with connector (225 mm)		1		6	<a href="#">146TA1154</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable with connector (510 mm)	1			5	<a href="#">161TA7337</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Solder connection		1		3	<a href="#">145TA9672</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	2,8 mm FASTON		1		5	<a href="#">145TA9754</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (300 mm)		1			<a href="#">146TA1356</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Solder connection		1		3	<a href="#">145TA9685</a>



Centre distance: 9,5 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Solder connection		1		5	<a href="#">146TA1431</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Solder connection		1		5	<a href="#">164TA9827</a>
 	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (175 mm)			1	10	<a href="#">145TA7790</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (500 mm)		1		5	<a href="#">146TA1178</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (500 mm)		1		6	<a href="#">145TA9843</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (510 mm)		1		6	<a href="#">146TA1432</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (510 mm)	1			5	<a href="#">146TA1031</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (510 mm)		1		0,1	<a href="#">145TA9497</a>

# MICROSWITCHES



MICROSWITCHES

Centre distance: 9,5 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (510 mm)		1		5	<a href="#">145TA9591</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (535 mm)		1		5	<a href="#">145TA9561</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (560 mm)		1		6	<a href="#">164TA9854</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (48 mm)	1			5	<a href="#">146TA1485</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (80 mm)	2			5	<a href="#">146TA1530</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (83 mm)		1		5	<a href="#">145TA9783</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (175 mm)	1			5	<a href="#">145TA9529</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (240 mm)	1			5	<a href="#">146TA1094</a>



**Centre distance: 9,5 mm**

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (242 mm)	1			5	<a href="#">161TA7667</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (305 mm)	1			6	<a href="#">146TA1381</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (305 mm)		1		6	<a href="#">161TA7777</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (350 mm)		2		5	<a href="#">161TA7677</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Solder connection		1		5	<a href="#">145TA9545</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	PCB pin		1		5	<a href="#">145TA9571</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Solder connection		1		6	<a href="#">146TA1304</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Solder connection		1		6	<a href="#">146TA1200</a>



Centre distance: 9,5 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Solder connection		1		6	<a href="#">146TA1382</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable (510 mm)		1		5	<a href="#">145TA9489</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable (514 mm)		1			<a href="#">146TA6862</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable (1170 mm)		1		1	<a href="#">146TA1469</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (155 mm)		1		5	<a href="#">145TA9902</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (200 mm)		1		5	<a href="#">146TA1320</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (325 mm)		1		5	<a href="#">146TA1267</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (330 mm)	1			1,5	<a href="#">146TA1363</a>



**Centre distance: 9,5 mm**

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (370 mm)		1			<a href="#">145TA9488</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (395 mm)		1		5	<a href="#">109TA4010</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (400 mm)			1	5	<a href="#">145TA9624</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (520 mm)		1		5	<a href="#">146TA1118</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	PCB pin		1		5	<a href="#">145TA9556</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	PCB pin		1		5	<a href="#">145TA9555</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	PCB pin	1				<a href="#">145TA9391</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Solder connection		1		6	<a href="#">145TA9592</a>



Centre distance: 9,5 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	PCB pin		1		6	<a href="#">145TA9534</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	PCB pin		1			<a href="#">146TA9641</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Simulated lever	Cable (295 mm)		1		2	<a href="#">164TA9812</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Simulated lever	Cable (305 mm)	1			6	<a href="#">146TA1115</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Simulated lever	Cable (500 mm)		1		6	<a href="#">145TA9759</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Simulated lever	Cable (505 mm)		1		6	<a href="#">145TA9971</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Simulated lever	Cable (505 mm)		1		6	<a href="#">146TA1224</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Simulated lever	Cable (1010 mm)		1		6	<a href="#">164TA9857</a>



Centre distance: 9,5 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Simulated lever	Cable with connector (190 mm)		1		6	<a href="#">161TA7161</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Simulated lever	Cable with connector (380 mm)	1			6	<a href="#">161TA7287</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Simulated lever	PCB pin		1		6	<a href="#">145TA9563</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Simulated lever	PCB pin		1		6	<a href="#">145TA9674</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Simulated lever	PCB pin		1		6	<a href="#">145TA9491</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Simulated lever	PCB pin		1		6	<a href="#">145TA9476</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Simulated lever	PCB pin		1		15	<a href="#">145TA9485</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Special	Cable (300 mm)		1		0,1	<a href="#">146TA1097</a>



Centre distance: 9,5 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Straight lever	2,8 mm FASTON		1		5	<a href="#">146TA1303</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Straight lever	Solder connection		1		5	<a href="#">145TA9526</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Straight lever	Cable (1025 mm)		1		5	<a href="#">164TA9835</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Straight lever	Cable (1090 mm)	1			5	<a href="#">146TA1082</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Straight lever	PCB pin		1		6	<a href="#">146TA1213</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Straight lever	Solder connection		1		10	<a href="#">146TA1023</a>



Centre distance: 13,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Cable with connector (125 mm)		1		6	<a href="#">164TA9859</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	2,8 mm FASTON	1		1	5	<a href="#">145TA9683</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	2,8 mm FASTON	1		1	5	<a href="#">146TA1050</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	2,8 mm FASTON	1		1	5	<a href="#">146TA1385</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON	1		1	5	<a href="#">106TA2525</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON	1		1	5	<a href="#">164TA9828</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON	1		1	5	<a href="#">164TA9829</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (1000 mm)			1	0,1	<a href="#">146TA1471</a>



Centre distance: 13,2 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable with connector (95 mm)	1			5	<a href="#">161TA7656</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Screw connection	1		1	5	<a href="#">145TA9852</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Screw connection	1		1	10	<a href="#">145TA9610</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Screw connection	1		1	10	<a href="#">146TA6781</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	6,35 mm FASTON	1		1	5	<a href="#">124TA1678</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Special	Screw connection	1		1	5	<a href="#">146TA1103</a>





Centre distance: 15,9 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long straight lever	Cable with connector	1			5	<a href="#">146TA1038</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable (250 mm)		1		10	<a href="#">145TA9597</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable (1000 mm)			1	10	<a href="#">146TA1212</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Cable with connector (380 mm)		1		0,1	<a href="#">161TA7412</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Covered screw connection		1		10	<a href="#">146TA1218</a>



Centre distance: 15,9 mm + 25,4 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	6,35 mm FASTON		1		5	<a href="#">145TA9805</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	Screw connection		1		5	<a href="#">146TA1098</a>



Centre distance: 17,0 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Cable with connector (300 mm)		1			<a href="#">145TA9629</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable with connector (668 mm)		1			<a href="#">145TA9676</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON	1		1	10	<a href="#">145TA9615</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	6,35 mm FASTON	1			3	<a href="#">146TA9435</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	6,35 mm FASTON		1			<a href="#">151TA1477</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Covered screw connection		1		5	<a href="#">105TA4731</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Straight lever	Cable with connector (315 mm)		1			<a href="#">145TA9468</a>





Centre distance: 17,45 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Panel mount plunger	6,35 mm FASTON		1		10	<a href="#">145TA9642</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	6,35 mm FASTON	1		1	0,5	<a href="#">145TA9782</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	6,35 mm FASTON	1		1	0,5	<a href="#">146TA1443</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	6,35 mm FASTON	1		1	0,5	<a href="#">146TA1274</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Special	6,35 mm FASTON	1		1	0,5	<a href="#">145TA9602</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Special	6,35 mm FASTON	1			0,5	<a href="#">145TA9803</a>



Centre distance: 19,0 mm

 	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable with connector (80 mm)	1				<a href="#">145TA9513</a>



Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	4,75 mm FASTON		1		5	<a href="#">145TA9735</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	4,75 mm FASTON		1		10	<a href="#">145TA9728</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	4,75 mm FASTON		1		15	<a href="#">145TA9616</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	4,75 mm FASTON		1		15	<a href="#">146TA1022</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	4,75 mm FASTON		1		15	<a href="#">145TA9572</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	6,35 mm FASTON		1		8	<a href="#">151TA1466</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	6,35 mm FASTON		1		10	<a href="#">145TA9673</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	6,35 mm FASTON		1		10	<a href="#">145TA9766</a>



Centre distance: 22,2 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	6,35 mm FASTON		1		10	<a href="#">145TA9600</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	6,35 mm FASTON		1		10	<a href="#">145TA9583</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	6,35 mm FASTON		1		10	<a href="#">145TA9608</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	6,35 mm FASTON		1		15	<a href="#">145TA9974</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	6,35 mm FASTON		1		15	<a href="#">145TA9586</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	6,35 mm FASTON		1		16	<a href="#">146TA1168</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	6,35 mm FASTON			1	10	<a href="#">145TA9794</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	Cable (520 mm)		1		5	<a href="#">107TA1612</a>



Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Cable + cable with connector (95 mm)		1		15	<a href="#">146TA1155</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Cable with connector (110 mm)			1	15	<a href="#">145TA9830</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Cable with connector (115 mm)		1		5	<a href="#">161TA7271</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Cable with connector (120 mm)	1			0,1	<a href="#">146TA1205</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Cable with connector (120 mm)	1			15	<a href="#">145TA9537</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Cable with connector (125 mm)	1			0,1	<a href="#">161TA7630</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Cable with connector (150 mm)			1	5	<a href="#">146TA1011</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Cable with connector (200 mm)		1		21	<a href="#">161TA7592</a>



Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Cable with connector (525 mm)		1		5	<a href="#">161TA7347</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Solder connection		1		15	<a href="#">145TA9736</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Solder connection + 6,35 mm FASTON		1		10	<a href="#">164TA9866</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long simulated lever	4,75 mm FASTON		1		0,1	<a href="#">164TA9805</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long simulated lever	4,75 mm FASTON		1		5	<a href="#">146TA1065</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long simulated lever	Cable (295 mm)		1		0,1	<a href="#">145TA9638</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long simulated lever	Cable with connector (1220 mm)		1		0,1	<a href="#">146TA1313</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	4,75 mm FASTON		1		0,1	<a href="#">145TA9813</a>



Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	4,75 mm FASTON		1		0,1	<a href="#">146TA1000</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	4,75 mm FASTON		1		3	<a href="#">146TA1189</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	4,75 mm FASTON		1		5	<a href="#">145TA9710</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	4,75 mm FASTON		1		11	<a href="#">146TA1085</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	4,75 mm FASTON		1		15	<a href="#">145TA9684</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	6,35 mm FASTON		1		10	<a href="#">145TA9703</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	6,35 mm FASTON		1		10	<a href="#">146TA1389</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	6,35 mm FASTON		1		10	<a href="#">146TA1227</a>



Centre distance: 22,2 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long straight lever	6,35 mm FASTON		1		10	<a href="#">106TA2460</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long straight lever	6,35 mm FASTON		1		10	<a href="#">145TA9546</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long straight lever	6,35 mm FASTON		1		10	<a href="#">146TA1017</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long straight lever	6,35 mm FASTON		1		15	<a href="#">145TA9732</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long straight lever	6,35 mm FASTON		1		16	<a href="#">145TA9439</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long straight lever	6,35 mm FASTON		1		16	<a href="#">146TA1407</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long straight lever	Cable (300 mm)		1		5	<a href="#">151TA1492</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long straight lever	Cable (300 mm)		1		5	<a href="#">145TA9528</a>

# MICROSWITCHES



MICROSWITCHES

Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable (500 mm)			1	1,5	<a href="#">146TA1019</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable (520 mm)		1		5	<a href="#">146TA1337</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable (520 mm)		1		5	<a href="#">145TA9590</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable with connector (140 mm)			1	5	<a href="#">146TA1211</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable with connector (175 mm)	1			5	<a href="#">145TA9613</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable with connector (250 mm)		1		5	<a href="#">161TA7550</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable with connector (530 mm)		1		5	<a href="#">161TA7455</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable with connector (545 mm)		1		5	<a href="#">146TA1228</a>



Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable with connector (1100 mm)			1	1,5	<a href="#">145TA9655</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Solder connection + 4,75 mm FASTON		1		8	<a href="#">152TA1743</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	6,35 mm FASTON		1		10	<a href="#">146TA1070</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	6,35 mm FASTON		1		10	<a href="#">145TA9548</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	6,35 mm FASTON		1		16	<a href="#">145TA9933</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	6,35 mm FASTON		1		16	<a href="#">146TA1393</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	Cable (540 mm)		1		8	<a href="#">145TA9896</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	Cable (600 mm)		1		5	<a href="#">145TA9559</a>

# MICROSWITCHES



MICROSWITCHES

Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	Cable with connector (130 mm)	1			5	<a href="#">145TA9802</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	Cable with connector (130 mm)			1	5	<a href="#">161TA7408</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	Cable with connector (155 mm)	1			5	<a href="#">145TA9916</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	Cable with connector (165 mm)	1			5	<a href="#">145TA9637</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	Cable with connector (190 mm)		1		8	<a href="#">161TA7570</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	4,75 mm FASTON		1		5	<a href="#">145TA9865</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	4,75 mm FASTON		1		11	<a href="#">145TA9994</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	4,75 mm FASTON		1		15	<a href="#">146TA1164</a>



Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	4,75 mm FASTON		1		15	<a href="#">145TA9579</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON	1		1	16	<a href="#">145TA9729</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON	1		1		<a href="#">152TA1746</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON	1			10	<a href="#">145TA9553</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON	1			16	<a href="#">145TA9731</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON		1		0,1	<a href="#">145TA9980</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON		1		16	<a href="#">145TA9554</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON		1		8	<a href="#">146TA1266</a>



Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON		1		10	<a href="#">145TA9564</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON		1		15	<a href="#">145TA9552</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON		1		16	<a href="#">146TA1107</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON		1		16	<a href="#">145TA9443</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON		1		16	<a href="#">145TA9854</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON			1	10	<a href="#">145TA9594</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (250 mm)			1	5	<a href="#">146TA1016</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (260 mm)			1	1,5	<a href="#">146TA7165</a>



Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (300 mm)		1		6	<a href="#">145TA9483</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (445 mm)		1		0,1	<a href="#">146TA1219</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (445 mm)		1		0,1	<a href="#">145TA9662</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (500 mm)	1			5	<a href="#">146TA1146</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (500 mm)		1		1,5	<a href="#">145TA9777</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (530 mm)		1		5	<a href="#">146TA1064</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (1000 mm)		1		5	<a href="#">146TA1190</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (80 mm)			1	3	<a href="#">146TA1508</a>

# MICROSWITCHES



Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (85 mm)			1	1,5	<a href="#">146TA1047</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (120 mm)		1		5	<a href="#">145TA9998</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (183 mm)		1		5	<a href="#">146TA1062</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (185 mm)		1		5	<a href="#">146TA1210</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (190 mm)		1		3	<a href="#">146TA1272</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (225 mm)		1		5	<a href="#">161TA7449</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (255 mm)		1		5	<a href="#">161TA7123</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (310 mm)			1	5	<a href="#">161TA7673</a>



Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (460 mm)		1		1	<a href="#">146TA1341</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Screw connection	1		1	3	<a href="#">146TA1195</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Screw connection		1		15	<a href="#">145TA9584</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	PCB pin	1			10	<a href="#">145TA9557</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	PCB pin	1			10	<a href="#">146TA1203</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Solder connection		1		10	<a href="#">146TA1214</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Solder connection		1		15	<a href="#">145TA9582</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Solder connection		1		15	<a href="#">146TA1450</a>



Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	4,75 mm FASTON		1		0,1	<a href="#">145TA9787</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	4,75 mm FASTON		1		0,1	<a href="#">146TA1075</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	4,75 mm FASTON		1		3	<a href="#">145TA9607</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	4,75 mm FASTON		1		15	<a href="#">145TA9587</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	4,75 mm FASTON		1		16	<a href="#">146TA1436</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	4,75 mm FASTON		1		16	<a href="#">146TA1498</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	6,35 mm FASTON		1		1	<a href="#">145TA9996</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	6,35 mm FASTON		1		6	<a href="#">145TA9820</a>



Centre distance: 22,2 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	6,35 mm FASTON		1		4	<a href="#">146TA1236</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	6,35 mm FASTON		1		5	<a href="#">145TA9677</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	6,35 mm FASTON		1		10	<a href="#">145TA9761</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	6,35 mm FASTON		1		10	<a href="#">164TA9881</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	6,35 mm FASTON		1		10	<a href="#">164TA9880</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	6,35 mm FASTON		1		10	<a href="#">145TA9565</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	6,35 mm FASTON		1		12	<a href="#">145TA9593</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	6,35 mm FASTON		1		15	<a href="#">106TA2461</a>



Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	6,35 mm FASTON		1		16	<a href="#">145TA9416</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	6,35 mm FASTON		1		15	<a href="#">145TA9569</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	6,35 mm FASTON		1		16	<a href="#">145TA9464</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	4,75 mm FASTON		1		16	<a href="#">146TA1465</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	6,35 mm FASTON		1		16	<a href="#">146TA1422</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	6,35 mm FASTON		1		22	<a href="#">145TA9389</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable (240 mm)		1		5	<a href="#">146TA1253</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable (255 mm)		1		5	<a href="#">146TA1037</a>



Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable (295 mm)		1		5	<a href="#">145TA9598</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable (300 mm)		1		3	<a href="#">145TA9429</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable (310 mm)		1		5	<a href="#">146TA1015</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable (500 mm)		1		1,5	<a href="#">145TA9779</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable (535 mm)		1		5	<a href="#">164TA9840</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable (525 mm)		1		5	<a href="#">145TA9833</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable (525 mm)		1		5	<a href="#">146TA1109</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable (535 mm)		1		5	<a href="#">145TA9747</a>



Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (65 mm)		1		3	<a href="#">146TA1434</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (115 mm)		1		3	<a href="#">161TA7483</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (125 mm)	1			3	<a href="#">146TA1417</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (127 mm)		1		5	<a href="#">146TA1289</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (130 mm)		1		5	<a href="#">145TA9976</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (140 mm)		1		5	<a href="#">145TA9954</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (225 mm)		1		5	<a href="#">146TA1287</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (260 mm)	1			5	<a href="#">145TA9656</a>



Centre distance: 22,2 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Cable with connector (335 mm)		1		5	<a href="#">145TA9688</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Other		1		0,01	<a href="#">145TA9641</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	PCB pin		1		1,5	<a href="#">146TA1259</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Screw connection		1		15	<a href="#">145TA9471</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Screw connection		1		6	<a href="#">146TA1002</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Solder connection		1		12	<a href="#">145TA9993</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Solder connection		1		15	<a href="#">146TA1283</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Solder connection + 6,35 mm FASTON		1		10	<a href="#">145TA9493</a>




Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Simulated lever	PCB pin		1		1,5	<a href="#">146TA1325</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Special	6,35 mm FASTON		1		10	<a href="#">145TA9900</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Straight lever	4,75 mm FASTON		1		0,1	<a href="#">164TA9804</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Straight lever	4,75 mm FASTON		1		15	<a href="#">145TA9601</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Straight lever	4,75 mm FASTON		1		15	<a href="#">145TA9577</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Straight lever	6,35 mm FASTON		1		16	<a href="#">145TA9395</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Straight lever	6,35 mm FASTON			1	10	<a href="#">145TA9560</a>



Centre distance: 22,2 mm + special

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Special	6,35 mm FASTON			1	6	<a href="#">106TA6794</a>



Centre distance: 25,4 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	6,35 mm FASTON		1		15	<a href="#">145TA9474</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Cable with connector (240 mm)	1			0,5	<a href="#">151TA1441</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Covered screw connection		1		0,25	<a href="#">145TA9877</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Screw connection		1		15	<a href="#">151TA1464</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Screw connection		1		15	<a href="#">145TA9750</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Screw connection		1		15	<a href="#">164TA9900</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Screw connection		1		15	<a href="#">145TA9664</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Screw connection		1		15	<a href="#">145TA9588</a>



Centre distance: 25,4 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Solder connection		1		5	<a href="#">106TA2499</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Solder connection		1		15	<a href="#">106TA2491</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long simulated lever	4,75 mm FASTON		1		11	<a href="#">125TA6323</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	6,35 mm FASTON		1		15	<a href="#">146TA1265</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	6,35 mm FASTON		1		16	<a href="#">146TA1270</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	6,35 mm FASTON		1		25	<a href="#">145TA9908</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable with connector (275 mm)	1			15	<a href="#">145TA9864</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable with connector (310 mm)			1	15	<a href="#">146TA1235</a>

# MICROSWITCHES



MICROSWITCHES

Centre distance: 25,4 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Screw connection		1		15	<a href="#">145TA9473</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Screw connection		1		15	<a href="#">106TA2477</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Screw connection		2		10	<a href="#">145TA9682</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	6,35 mm FASTON	1		1	16	<a href="#">145TA9596</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	6,35 mm FASTON		1		15	<a href="#">146TA1479</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	6,35 mm FASTON		1		21	<a href="#">146TA1225</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	6,35 mm FASTON		1		25	<a href="#">106TA2510</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	Cable with connector (155 mm)		1		5	<a href="#">145TA9398</a>



Centre distance: 25,4 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	Cable with connector (440 mm)		1		5	<a href="#">164TA9954</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	Covered screw connection		1		10	<a href="#">146TA1505</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	Screw connection		1		15	<a href="#">106TA2514</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	Solder connection		1		5	<a href="#">106TA2515</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	Solder connection		1		15	<a href="#">146TA1409</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	Solder connection		1		15	<a href="#">145TA9745</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON	1		1	16	<a href="#">106TA2540</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON	1		1	16	<a href="#">106TA2539</a>



Centre distance: 25,4 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON	1			15	<a href="#">145TA9950</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON		1		10	<a href="#">145TA9465</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON		1		15	<a href="#">146TA1285</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON		1		16	<a href="#">145TA9719</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON		1		21	<a href="#">146TA1221</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (500 mm)		1		5	<a href="#">145TA9562</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (510 mm)		1		5	<a href="#">145TA9422</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (185 mm)		1		5	<a href="#">146TA1249</a>



Centre distance: 25,4 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (230 mm)		1		15	<a href="#">145TA9883</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (250 mm)		1		10	<a href="#">145TA9514</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (420 mm)			1	15	<a href="#">146TA1048</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (435 mm)		1		15	<a href="#">145TA9494</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (1500 mm)		1		5	<a href="#">145TA9436</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (2260 mm)	1			5	<a href="#">146TA1340</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Covered screw connection		1		5	<a href="#">146TA1191</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Covered screw connection		1		5	<a href="#">145TA9611</a>



Centre distance: 25,4 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Screw connection		1		15	<a href="#">126TA6173</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Screw connection		1		15	<a href="#">145TA9634</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Screw connection		1		15	<a href="#">145TA9478</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Screw connection		1		15	<a href="#">145TA9578</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Screw connection		1		20	<a href="#">145TA9695</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Screw connection		1		20	<a href="#">145TA9687</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	2,8 mm FASTON		1		15	<a href="#">145TA9658</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	6,35 mm FASTON	1		1	5	<a href="#">146TA1003</a>



Centre distance: 25,4 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	6,35 mm FASTON		1		10	<a href="#">124TA1677</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	6,35 mm FASTON		1		15	<a href="#">106TA2505</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	6,35 mm FASTON		1		15	<a href="#">145TA9948</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Cable with connector (90 mm)	1				<a href="#">146TA1405</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Cable with connector (110 mm)		1		3	<a href="#">161TA7749</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Cable with connector (140 mm)		1			<a href="#">164TA9948</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Cable with connector (140 mm)		1		5	<a href="#">151TA1481</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Cable with connector (160 mm)		1		15	<a href="#">145TA9585</a>

# MICROSWITCHES



MICROSWITCHES

Centre distance: 25,4 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (225 mm)	1			10	<a href="#">146TA1297</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (340 mm)		1		15	<a href="#">146TA1358</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Covered screw connection	1		1	10	<a href="#">106TA2528</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Covered screw connection		1		2	<a href="#">146TA1095</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Screw connection	1		1	15	<a href="#">145TA9905</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Screw connection		1		0,14	<a href="#">151TA1462</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Screw connection		1		3	<a href="#">146TA2358</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Screw connection		1		3	<a href="#">145TA9952</a>



Centre distance: 25,4 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Screw connection		1		15	<a href="#">164TA9870</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Screw connection		1		10	<a href="#">164TA9869</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Screw connection		1		15	<a href="#">145TA9570</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Screw connection		1		16	<a href="#">146TA1201</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Screw connection		1		25	<a href="#">164TA9932</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Screw connection		2		1	<a href="#">106TA2501</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Solder connection		1		16	<a href="#">145TA9841</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Solder connection		1		16	<a href="#">146TA1208</a>



Centre distance: 25,4 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller plunger	Cable (720 mm)			1	15	<a href="#">146TA1206</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller plunger	Cable (1055 mm)			1	15	<a href="#">145TA9967</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller plunger	Cable with connector (150 mm)	1			15	<a href="#">145TA9944</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller plunger	Cable with connector (155 mm)			1	15	<a href="#">146TA1279</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller plunger	Cable with connector (260 mm)	1			3	<a href="#">145TA9817</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller plunger	Cable with connector (295 mm)	1			3	<a href="#">145TA9649</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller plunger	Covered screw connection		1		10	<a href="#">145TA9746</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller plunger	Covered screw connection		1		10	<a href="#">146TA1188</a>



Centre distance: 25,4 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller plunger	Covered screw connection		1		10	<a href="#">146TA1257</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller plunger	Covered screw connection		1		10	<a href="#">106TA2485</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller plunger	Screw connection	1		1	15	<a href="#">145TA9810</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller plunger	Screw connection		1		0,25	<a href="#">145TA9612</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller plunger	Screw connection		1		5	<a href="#">145TA9496</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller plunger	Screw connection		1		15	<a href="#">146TA1454</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller plunger	Screw connection		1		15	<a href="#">145TA9551</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller plunger	Screw connection		1		15	<a href="#">105TA4728</a>





Centre distance: 25,4 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller plunger	Screw connection		1		20	<a href="#">145TA9785</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Simulated lever	6,35 mm FASTON	1		1	15	<a href="#">106TA2482</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Special	6,35 mm FASTON		1		10	<a href="#">146TA1326</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Straight lever	6,35 mm FASTON		1		20	<a href="#">145TA9574</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Straight lever	Covered screw connection	1		1	10	<a href="#">106TA2534</a>



Centre distance: 26,6 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable with connector (530 mm)	1			4	<a href="#">145TA9394</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller plunger	Screw connection		1		5	<a href="#">152TA1754</a>

# MICROSWITCHES





Centre distance: 28,0 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	6,35 mm FASTON	1		1	16	<a href="#">145TA9503</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	PCB pin	1		1	16	<a href="#">145TA9567</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Screw connection	1		1	16	<a href="#">107TA1607</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	PCB pin	1		1	16	<a href="#">116TA4716</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	PCB pin	1		1	16	<a href="#">145TA9547</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Screw connection	1		1	16	<a href="#">146TA1119</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Straight lever	Cable (300 mm)			1	5	<a href="#">146TA1294</a>



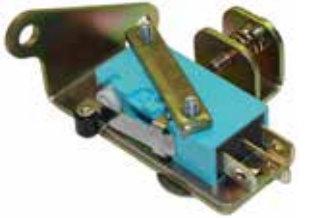


Centre distance: 28,0 mm + special

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Screw connection	1		1	1	<a href="#">106TA2544</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Screw connection	1		1	16	<a href="#">145TA9566</a>






Centre distance: 30,0 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable with connector (230 mm)		1			
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable with connector (740 mm)	1		1	3,5	<a href="#">146TA1226</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	4,75 mm FASTON		1		3	<a href="#">145TA9815</a>





Centre distance: 32,8 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller plunger	Cable with connector (460 mm)	1			5	<a href="#">145TA9482</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller plunger	Covered screw connection		1		5	<a href="#">145TA9897</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Special	Cable with connector (225 mm)		1		0,1	<a href="#">161TA7729</a>



Centre distance: 54,0 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Screw connection	1		1	10	<a href="#">107TA1604</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Screw connection	2		2	0,3	<a href="#">146TA1481</a>



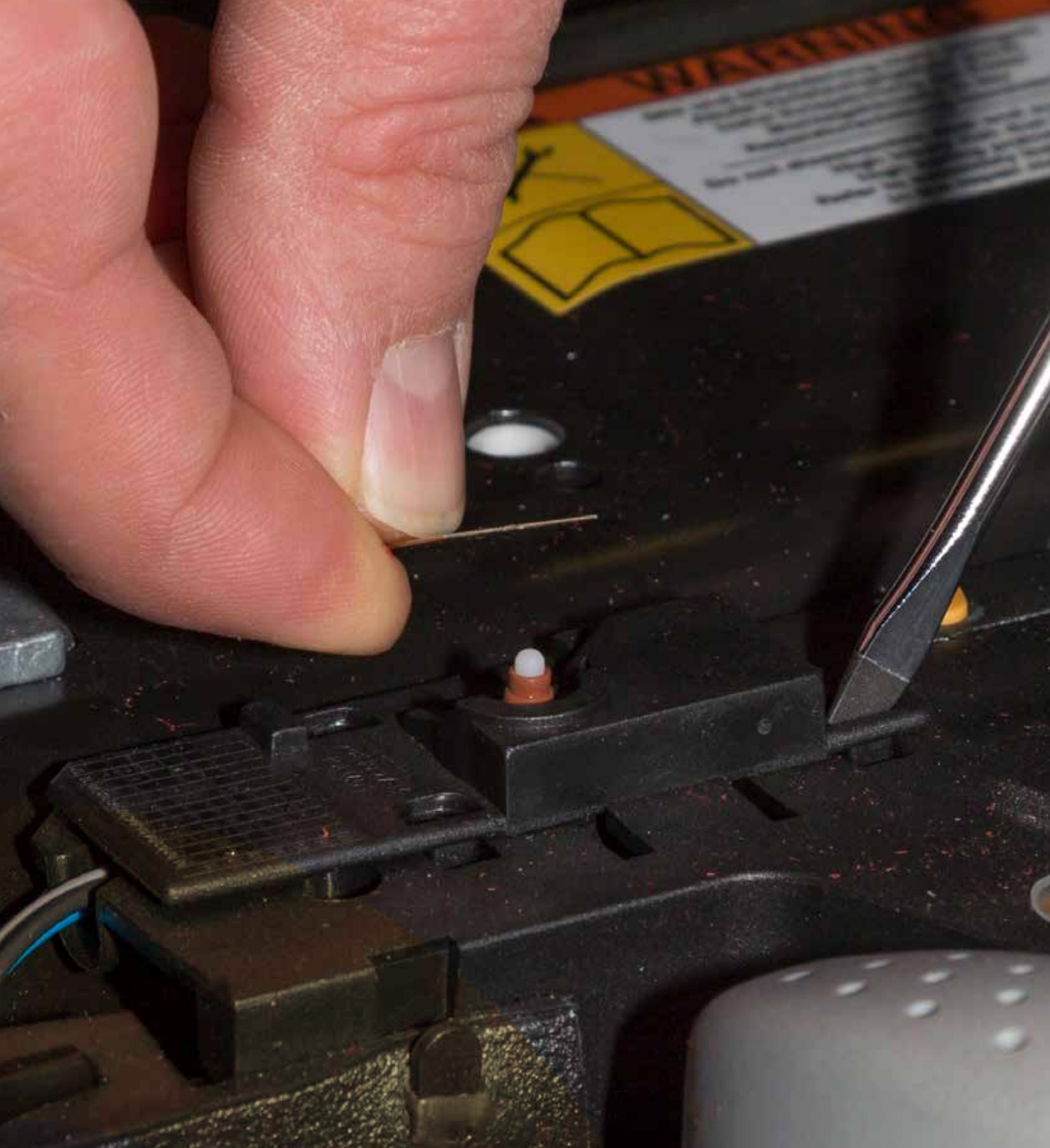
## Centre distance: Special

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	Cable (300 mm)		1		5	<a href="#">164TA9842</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	6,35 mm FASTON	1		1	8	<a href="#">145TA9853</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	6,35 mm FASTON		1		15	<a href="#">145TA9711</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	6,35 mm FASTON			1	10	<a href="#">145TA9541</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable (2200 mm)		1		5	<a href="#">145TA9425</a>



## NOTES

A series of horizontal dotted lines for taking notes.



**MICROSWITCHES**  
**(2 pieces)**



**Centre distance: 9,5 mm**

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	Cable with connector (310 mm)	2			10	<a href="#">165TA1034</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	Cable with connector (310 mm)	2			10,1	<a href="#">146TA1619</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable (3000 mm)	2			6	<a href="#">165TA1039</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable with connector (170 mm)	2			5	<a href="#">146TA1549</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable with connector (310 mm)	2			5	<a href="#">146TA1615</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Simulated lever	Cable with connector (1000 mm)	2			6	<a href="#">146TA1575</a>



Centre distance: 13,2 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable with connector (495 mm)			2	0,1	<a href="#">146TA1553</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable with connector (755 mm)		2			<a href="#">146TA1622</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable with connector (800 mm)			2	0,1	<a href="#">146TA1624</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Cable with connector (362 mm)	2			5	<a href="#">146TA1601</a>



Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long roller lever	Cable with connector (260 mm)			2	5	<a href="#">146TA1557</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long simulated lever	Cable with connector (240 mm)	2		1	0,1	<a href="#">146TA1572</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Long straight lever	Cable with connector (325 mm)	1		1	5	<a href="#">146TA1594</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	Cable with connector (245 mm)			2	5	<a href="#">146TA1595</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (840 mm)	2			16	<a href="#">126TA5207</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable (980 mm)	2			15	<a href="#">139TA5074</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (230 mm)	2			5	<a href="#">136TA2918</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (320 mm)			2	5	<a href="#">110TA9351</a>



Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (325 mm)	2			3	<a href="#">146TA1535</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (408 mm)		2		5	<a href="#">146TA1588</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (430 mm)		2		10	<a href="#">146TA1582</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (435 mm)		2		16	<a href="#">146TA1604</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (455 mm)	2			3	<a href="#">146TA1605</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (460 mm)		2		0,1	<a href="#">146TA1593</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (460 mm)		2		0,1	<a href="#">118TA3241</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (460 mm)		2		10	<a href="#">146TA1625</a>

# MICROSWITCHES




MICROSWITCHES

Centre distance: 22,2 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (470 mm)	2			3	<a href="#">146TA1538</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (475 mm)		2		15	<a href="#">146TA1598</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (632 mm)		2		0,1	<a href="#">146TA1600</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (655 mm)		2		15	<a href="#">109TA3938</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Cable with connector (675 mm)	1		1	15	<a href="#">146TA1720</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Pin plunger	Solder connection (290 mm)		2		15,1	<a href="#">146TA1618</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (250 mm)		2		5	<a href="#">146TA1602</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Roller lever	Cable with connector (310 mm)		2		3	<a href="#">146TA1536</a>

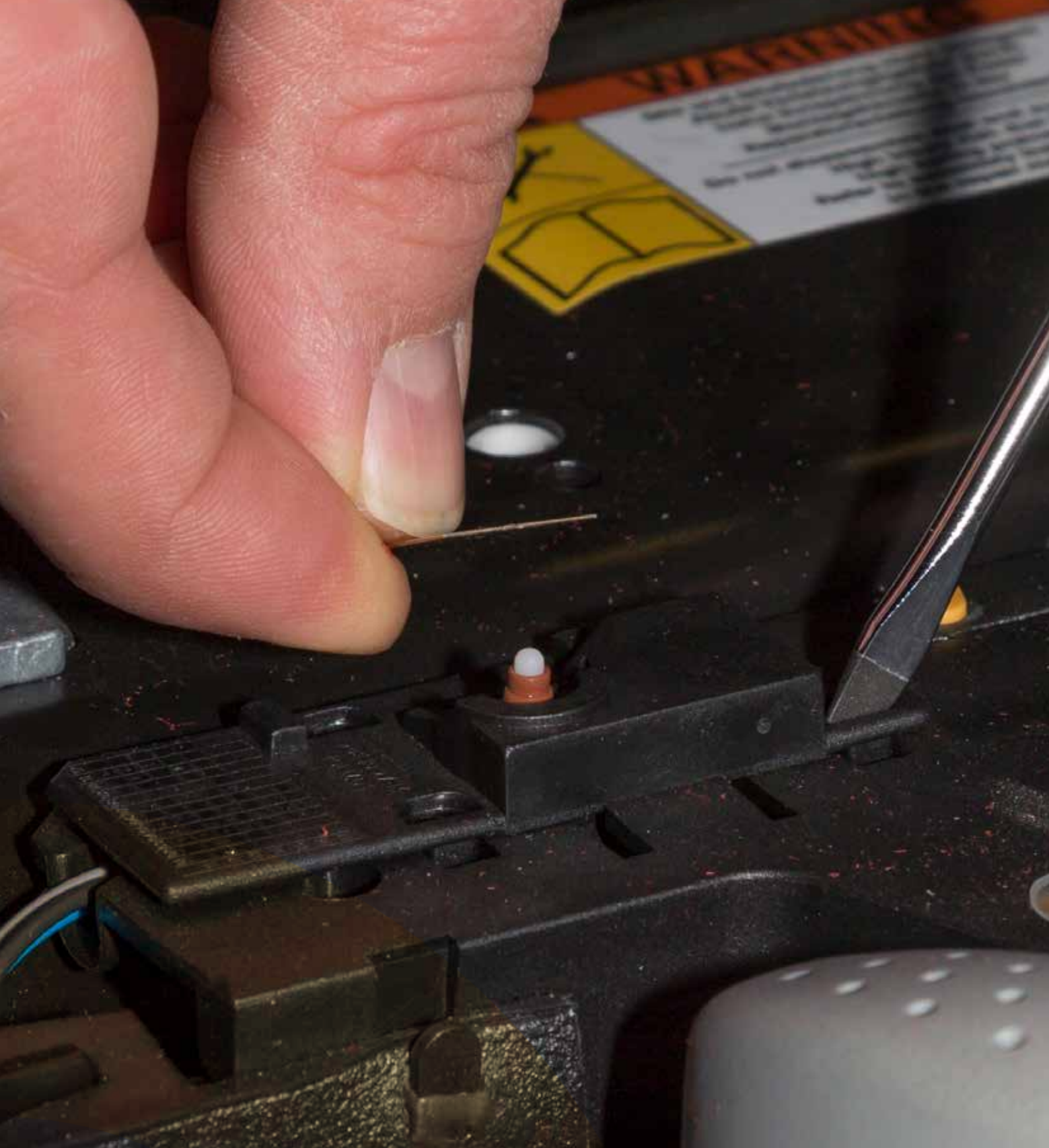


Centre distance: 22,2 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Cable with connector (320 mm)		2		5	<a href="#">146TA1603</a>







Centre distance: Special							
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	6,35 mm FASTON			2	15	<a href="#">146TA1563</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	6,35 mm FASTON			2	15	<a href="#">146TA1564</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller plunger	6,35 mm FASTON		2		10	<a href="#">106TA2577</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable with connector (255 mm)	2				<a href="#">146TA1571</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable with connector (460 mm)		2		15	<a href="#">118TA2165</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Cable with connector (535 mm)			2	5	<a href="#">146TA1550</a>
	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Simulated lever	Cable with connector (1000 mm)	2			6	<a href="#">146TA1559</a>



**MICROSWITCHES**  
**(3 pieces)**




Centre distance: 9,5 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable with connector (410 mm)	2		1	5	<a href="#">118TA2220</a>
	Roller lever	Cable with connector (400 mm)	3				<a href="#">146TA1642</a>
	Simulated lever	Cable with connector (207 mm)	2	1		6	<a href="#">118TA1922</a>




Centre distance: 22,2 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Long roller lever	Cable with connector (170 mm)	3			0,1	<a href="#">146TA1633</a>




Centre distance: 25,4 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Roller lever	Cable with connector (340 mm)	3			15	<a href="#">152TA1751</a>



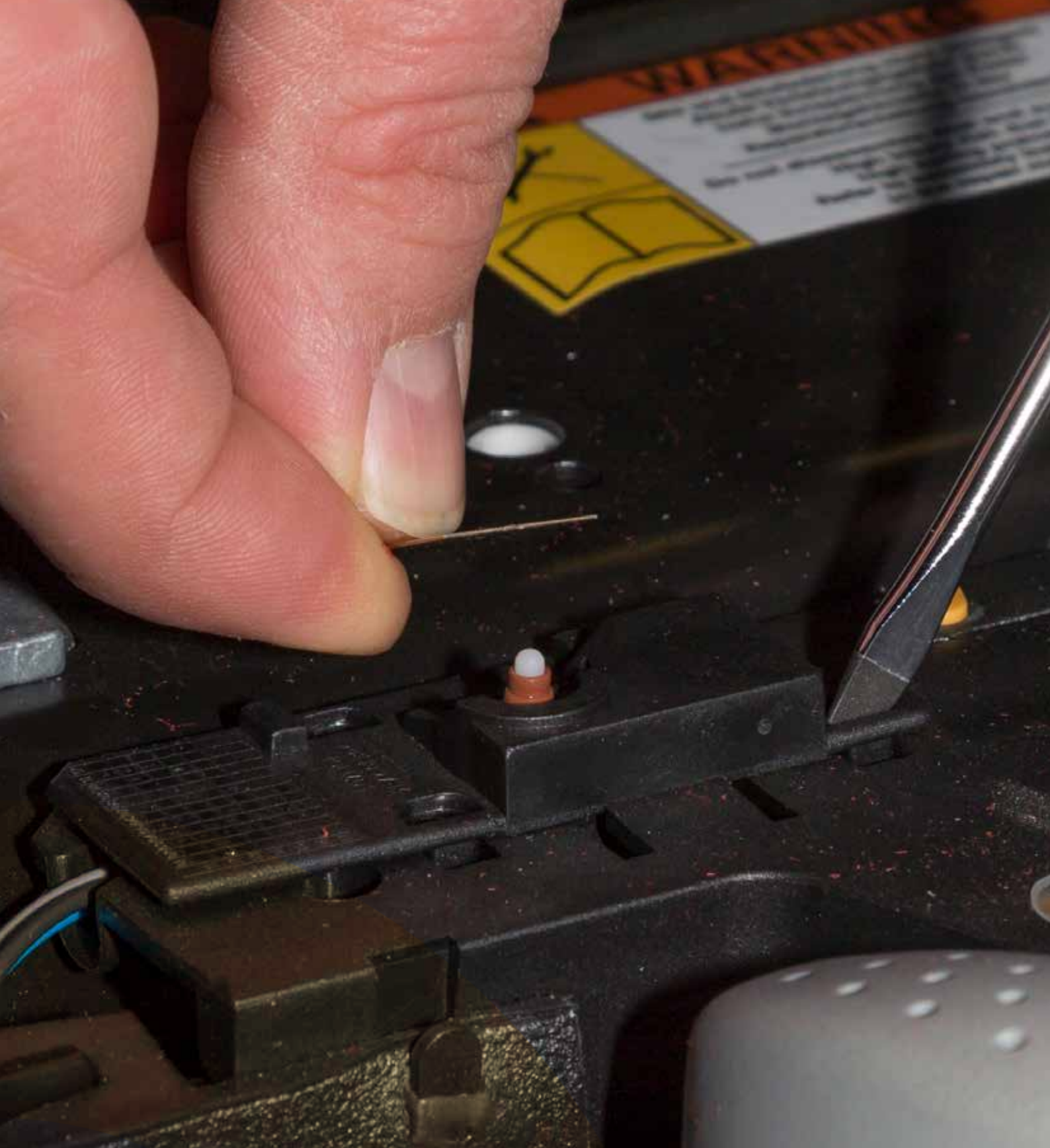
## Centre distance: Special

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Straight lever	Cable (500 mm)	3			5	<a href="#">146TA1639</a>



## NOTES


A series of horizontal dotted lines for taking notes.

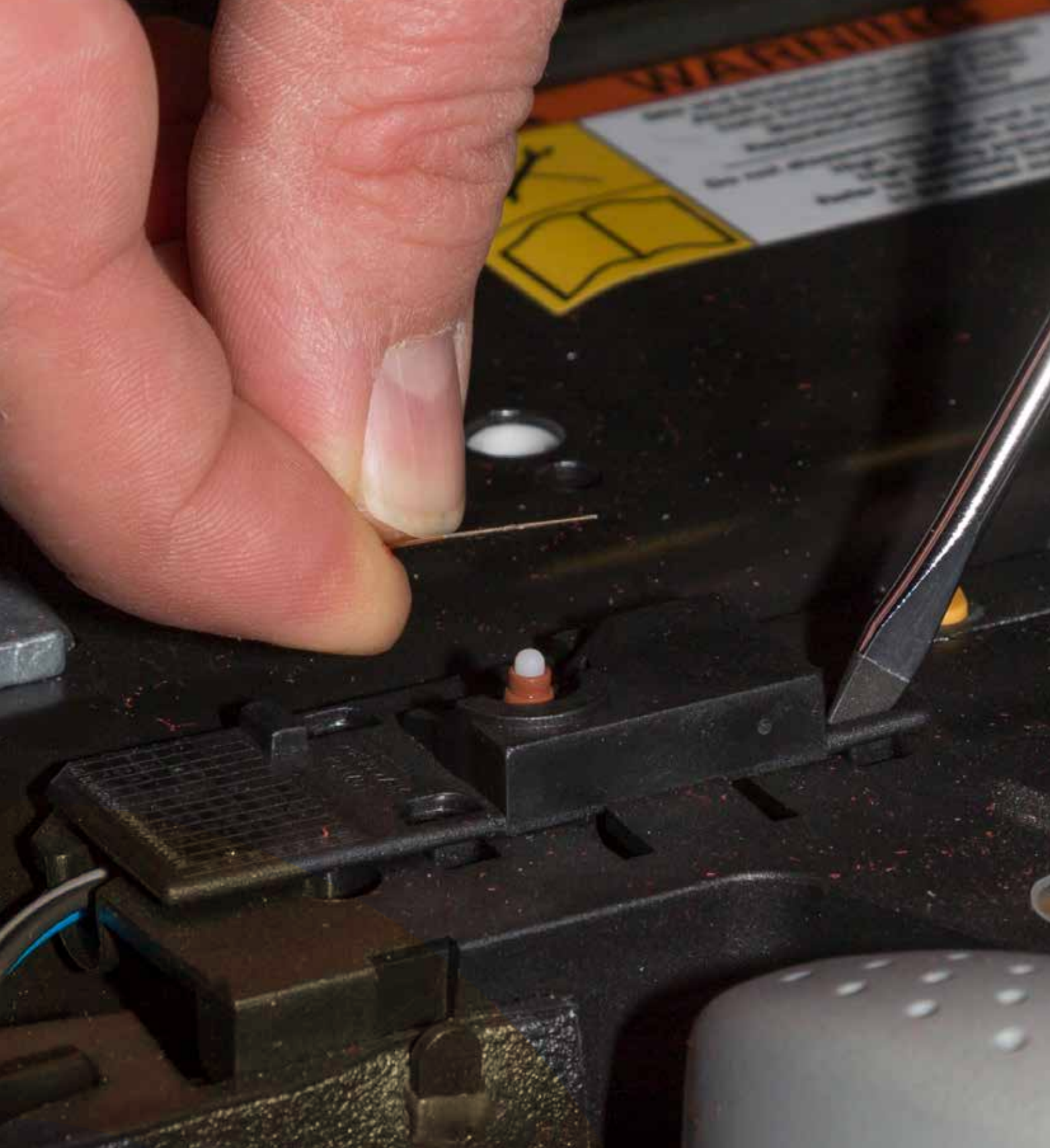


**MICROSWITCHES**  
**(4 pieces)**



## Centre distance: Special


	<b>Type of lever</b>	<b>Type of connection</b>	<b>N° of NO contacts</b>	<b>N° of CO contacts</b>	<b>N° of NC contacts</b>	<b>Current (A)</b>	<b>REF</b>
	Panel mount plunger	Cable with connector (410 mm)		4		5	<a href="#">146TA1661</a>



**MICROSWITCHES**  
**(5 pieces)**



Centre distance: 9,5 mm

	Type of lever	Type of connection	N° of NO contacts	N° of CO contacts	N° of NC contacts	Current (A)	REF
	Pin plunger	Cable with connector (330 mm)	5			6	<a href="#">146TA1669</a>



# LIMIT SWITCHES



TECHNICAL SHEET



TECHNICAL SHEET

## LIMIT SWITCH

Group  
**02-03-05-02**



Customer details

Type of machine: .....

Serial n° machine: .....

Price inquiry  
Order

- TY-AS . . . . . Type of connections:
  - A = gland M20 x 1,5
  - B = gland M16 x 1,5
  - C = gland PG 13,5
  - D = gland PG 11
  - E = gland PG 9
  - F = gland NPT 1/2
  - G = fixed connector
  - H = cable
  - I = cable with connector
  - S = special
- AT-NO . . . . . Number of normally open contacts (NO)
- AT-NC . . . . . Number of normally closed contacts (NC)
- AT-CO . . . . . Number of change-over contacts (CO)
- AT-BG . . . . . Number of mounting holes
- C . . . . . Centre distance between mounting holes:
  - E.g.: 20/22
  - 20/22/40/42
  - 21 x 56
  - 29 x 60
  - 30 x 60
  - 41, ...
- MAT1 . . . . . Material of the housing:
  - KS = plastic
  - M = metal
  - KSM = plastic + metal



## TECHNICAL SHEET

	TY-HB . . . . .	Type of actuator: <i>A = pin plunger</i> <i>B = roller plunger</i> <i>C = roller arm</i> <i>D = adjustable roller arm</i> <i>E = lever with roller</i> <i>F = double roller</i> <i>G = flexible steel pin</i> <i>H = flexible nylon pin</i> <i>I = lever with adjustable steel pin</i> <i>J = lever with adjustable nylon pin</i> <i>K = lever with adjustable pin</i> <i>L = head</i> <i>S = special</i> <i>Z = without</i>
	LG-BD . . . . .	Position of the actuator: <i>B = top</i> <i>L = lateral</i>
	MAT2 . . . . .	Material of the roller, if present: <i>KS = plastic</i> <i>M = metal</i> <i>KSM = plastic + metal</i> <i>RB = rubber</i>
	POS-ROL . . . . .	Position of the roller, if present: <i>S = standard</i> <i>G = at 90° angle</i> <i>D = rotating</i>
	D . . . . .	Diameter of the roller, if present
	I . . . . .	Current (ampere) (125/250 VAC)
	L . . . . .	Length of the cable, if present
	AT-SCH . . . . .	Number of limit switches present
	KIT . . . . .	Kit (yes/no) If the switch is part of a kit (e.g.: support, gland ...)
	MERK . . . . .	Brand of the switch



## TECHNICAL SHEET

### TY-AS: TYPE OF CONNECTIONS

**Type A**  
M20 x 1,5



**Type B**  
M16 x 1,5



**Type C**  
PG 13,5



**Type D**  
PG 11



**Type E**  
PG 9



**Type F**  
NPT 1/2



**Type G**



**Type H**



**Type I**

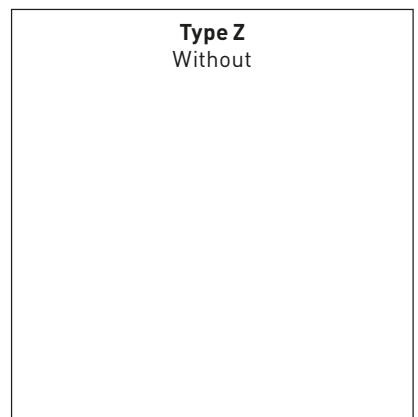
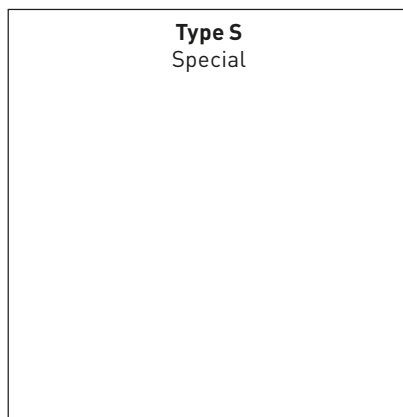


**Type S**  
Special



## TECHNICAL SHEET

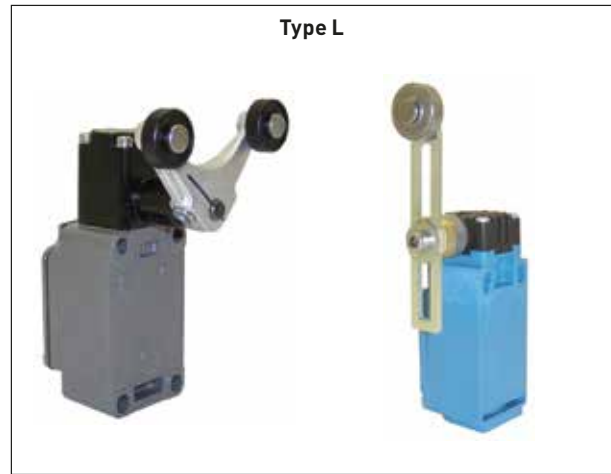
### TY-HB: TYPE OF ACTUATOR





## TECHNICAL SHEET

### LG-BD: POSITION OF THE ACTUATOR



### POS-ROL: POSITION OF THE ROLLER



TVH PARTS NV  
Brabantstraat 15 · 8790 Waregem · Belgium  
T +32 56 43 42 11 · F +32 56 43 44 88 · info@tvh.com · www.tvh.com  
BTW BE 0425 399 042 · RLP Gent – division Kortrijk 0425 399 042  
BNP Paribas Fortis 285-0448248-40 · IBAN BE02 2850 4482 4840 · SWIFT/BIC GEBABEBB



## EINDSCHAKELAAR

Groep

**02-03-05-02**

Voorbeeld



Gegevens klant

Type machine: .....

Prijsaanvraag

Serienr. machine: .....

Bestelling

TY-AS ..... Type aansluitingen:

A = pakkingbus M20 x 1,5

B = pakkingbus M16 x 1,5

C = pakkingbus PG 13,5

D = pakkingbus PG 11

E = pakkingbus PG 9

F = pakkingbus NPT 1/2

G = vaste connector

H = kabel

I = kabel met connector

S = speciaal

AT-NO ..... Aantal normaal open contacten (NO)

AT-NC ..... Aantal normaal gesloten contacten (NC)

AT-CO ..... Aantal wisselcontacten (CO)

AT-BG ..... Aantal bevestigingsgaten

C ..... Centerafstand tussen bevestigingsgaten:

vb.: 20/22

20/22/40/42

21 x 56

29 x 60

30 x 60

41, ...

MAT1 ..... Materiaal van de behuizing:

KS = kunststof

M = metaal

KSM = kunststof + metaal



## TECHNICAL SHEET

	TY-HB . . . . .	Type bediening: <i>A = pin plunjer</i> <i>B = roller plunjer</i> <i>C = roller arm</i> <i>D = regelbare roller arm</i> <i>E = hefboom met roller</i> <i>F = dubbel roller</i> <i>G = flexibele stang staal</i> <i>H = flexibele stang nylon</i> <i>I = hefboom met regelbare stalen stang</i> <i>J = hefboom met regelbare nylon stang</i> <i>K = hefboom met flexibele stang</i> <i>L = kop</i> <i>S = speciaal</i> <i>Z = zonder</i>
	LG-BD . . . . .	Ligging van de bediening: <i>B = boven</i> <i>L = lateraal</i>
	MAT2 . . . . .	Materiaal van de roller, indien aanwezig: <i>KS = kunststof</i> <i>M = metaal</i> <i>KSM = kunststof + metaal</i> <i>RB = rubber</i>
	POS-ROL . . . . .	Positie van de roller, indien aanwezig: <i>S = standaard</i> <i>G = 90° gedraaid</i> <i>D = draaibaar</i>
	D . . . . .	Diameter van de roller, indien aanwezig
	I . . . . .	Stroom (ampère) (125/250 VAC)
	L . . . . .	Lengte van de kabel, indien aanwezig
	AT-SCH . . . . .	Aantal eindschakelaars aanwezig
	KIT . . . . .	Kit (ja/nee) Indien de schakelaar deel uitmaakt van een kit (vb: support, pakkingbus ...)
	MERK . . . . .	Merk van de schakelaar



## INTERRUPTEUR FIN DE COURSE

Groupe  
**02-03-05-02**



Données client

Type machine : .....

Demande de prix

No. série machine : .....

Commande

- TY-AS ..... Type de connexion :
- A = presse étoupe M20 x 1,5
  - B = presse étoupe M16 x 1,5
  - C = presse étoupe PG 13,5
  - D = presse étoupe PG 11
  - E = presse étoupe PG 9
  - F = presse étoupe NPT 1/2
  - G = fiche moulée sur interrupteur
  - H = câble
  - I = câble avec fiche
  - S = spéciale

AT-NO ..... Nombre de contacts normalement ouverts (Normally Open)

AT-NC ..... Nombre de contacts normalement fermés (Normally Closed)

AT-CO ..... Nombre de contacts inverseurs (Change Over)

AT-BG ..... Nombre de trous de fixation

C ..... Entraxe entre trous de fixation :

Ex : 20/22

20/22/40/42

21 x 56

29 x 60

30 x 60

41, ...

MAT1 ..... Matière du boîtier :

KS = plastique

M = métal

KSM = plastique + métal



## TECHNICAL SHEET

	TY-HB . . . . .	Type de commande :
		A = bouton poussoir
		B = poussoir a galet
		C = bras a galet
		D = bras a galet a longueur variable
		E = levier a galet
		F = double galet
		G = tige oscillante acier
		H = tige oscillante nylon
		I = levier à tige réglable acier
		J = levier à tige réglable nylon
		K = levier à tige oscillante
		L = tête seule
		S = spéciales
		Z = sans
	LG-BD . . . . .	Position de la commande :
		B = dessus
		L = latérale
	MAT2 . . . . .	Matière du galet :
		KS = plastique
		M = métal
		KSM = plastique + métal
		RB = caoutchouc
	POS-ROL . . . . .	Position du galet :
		S = standard
		G = tourné à 90°
		D = pivotant
	D . . . . .	Diamètre du galet
	I . . . . .	Ampérage (125/250 VAC)
	L . . . . .	Longueur du câble, si présent
	AT-SCH . . . . .	Nombre d'interrupteurs de fin de course présent
	KIT . . . . .	Kit (oui/non)
		Si l'interrupteur fait parti d'un kit (ex : support, presse étoupe, ...)
	MERK . . . . .	Marque de l'interrupteur



## ENDSCHALTER

Gruppe  
**02-03-05-02**



Kundendaten

Maschinentyp: .....

Preis Anfrage

Serien-Nr. Maschine: .....

Bestellung

TY-AS ..... Anschlußtyp:

- A = Stopfbüchse M20 x 1,5
- B = Stopfbüchse M16 x 1,5
- C = Stopfbüchse PG 13,5
- D = Stopfbüchse PG 11
- E = Stopfbüchse PG 9
- F = Stopfbüchse NPT 1/2
- G = festes Verbindungsstück
- H = Kabel
- I = Kabel mit Verbindungsstück
- S = Spezial

AT-NO ..... Anzahl normal offene (Normally Open) Kontakte

AT-NC ..... Anzahl normal geschlossene (Normally Closed) Kontakte

AT-CO ..... Anzahl Wechselkontakte (Change Over)

AT-BG ..... Anzahl Befestigungslöcher

C ..... Lochabstand zwischen den Befestigungslöchern:

- zB: 20/22
- 20/22/40/42
- 21 x 56
- 29 x 60
- 30 x 60
- 41, ...

MAT1 ..... Material Gehäuse:

- KS = Kunststoff
- M = Metall
- KSM = Kunststoff + Metall



## TECHNICAL SHEET



- TY-HB ..... Bedienungstyp:  
*A = Stiftplunger*  
*B = Rollenplunger*  
*C = Rollenarm*  
*D = regelbarer Rollenarm*  
*E = Schalthebel mit Rolle*  
*F = Doppelrolle*  
*G = flexible Stahlstange*  
*H = flexible Nylonstange*  
*I = Schalthebel mit regelbarer Stahlstange*  
*J = Schalthebel mit regelbarer Nylonstange*  
*K = Schalthebel mit flexibler Stange*  
*L = Kopf*  
*S = Spezial*  
*Z = ohne*
- LG-BD ..... Lage von der Bedienung:  
*B = oben*  
*L = seitlich*
- MAT2 ..... Material Rolle, wenn anwesend:  
*KS = Kunststoff*  
*M = Metall*  
*KSM = Kunststoff + Metall*  
*RB = Gummi*
- POS-ROL ..... Position von der Rolle, wenn anwesend:  
*S = Standard*  
*G = 90° gedreht*  
*D = drehbar*
- D ..... Durchmesser Rolle, wenn anwesend
- I ..... Strom (Ampere) (125/250 VAC)
- L ..... Kabellänge, wenn anwesend
- AT-SCH ..... Anzahl Endschalter anwesend
- KIT ..... Satz (ja/nein)  
 Wenn ein Satz den Schalter beinhaltet (zB: Halterung, Stopfbüchse, ...)
- MERK ..... Marke vom Schalter



Centre distance: 14 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Roller plunger	Cable (1820 mm)	1			1,5	<a href="#">146TA9490</a>



Centre distance: 19 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Roller arm	Cable (1035 mm)	1		1	10	<a href="#">165TA1124</a>

# LIMIT SWITCHES



Centre distance: 20 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Adjustable roller arm	Cable (2000 mm)	1		1	3	<a href="#">147TA5294</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Adjustable roller arm	Cable with connector (1830 mm)			1	3	<a href="#">146TA4612</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Fixed connector	1		1	8	<a href="#">142TA1533</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable (1050 mm)	1		1	0,1	<a href="#">147TA5739</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable (2000 mm)	1		1	3	<a href="#">147TA5662</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable (2000 mm)	1		1	3	<a href="#">147TA5667</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable (2000 mm)	1		1	3	<a href="#">147TA5661</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable (810 mm)	1		1	0,1	<a href="#">147TA5744</a>

# LIMIT SWITCHES



Centre distance: 20 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (1210 mm)			1	1,5	<a href="#">147TA5634</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (150 mm)		1		3	<a href="#">146TA5210</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (185 mm)			1	3	<a href="#">146TA8163</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (190 mm)	1		1	3	<a href="#">146TA4819</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (205 mm)	1		1	3	<a href="#">146TA4811</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (260 mm)			1	1,5	<a href="#">146TA4589</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (345 mm)	1				<a href="#">147TA5684</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (360 mm)	1		1	6	<a href="#">165TA1107</a>

# LIMIT SWITCHES



Centre distance: 20 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (365 mm)	1		1	1,5	<a href="#">147TA5626</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (365 mm)			2	1,5	<a href="#">147TA5617</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (375 mm)	1		1	3	<a href="#">146TA4815</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (390 mm)	1		1	3	<a href="#">146TA4437</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (405 mm)	1			1,5	<a href="#">147TA5699</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (415 mm)	1		1	1,5	<a href="#">147TA1153</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (420 mm)	1		1	3	<a href="#">146TA4401</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (445 mm)			1	3	<a href="#">146TA4397</a>

# LIMIT SWITCHES



Centre distance: 20 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (755 mm)	1		1	1,5	<a href="#">146TA4450</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (800 mm)	1		1	1,5	<a href="#">147TA5716</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Fixed connector		1			<a href="#">146TA2846</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Fixed connector	1		1	8	<a href="#">106TA2575</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable (2000 mm)	1		1	3	<a href="#">146TA7810</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable (2000 mm)	1		1	3	<a href="#">147TA1248</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable (2050 mm)	1		1	3	<a href="#">147TA5267</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (1000 mm)	1		1	1,5	<a href="#">147TA5276</a>



**Centre distance: 20 mm**

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Cable with connector (1005 mm)	1		1	1,5	<a href="#">147TA5281</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Cable with connector (1030 mm)	1			8	<a href="#">147TA5285</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Cable with connector (1840 mm)	1		1	3	<a href="#">146TA4564</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Cable with connector (2030 mm)	1		1	3	<a href="#">147TA5284</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Cable with connector (270 mm)	1		1	1,5	<a href="#">147TA5278</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Cable with connector (330 mm)	1		1	3	<a href="#">147TA5283</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Cable with connector (330 mm)	1			10	<a href="#">165TA1132</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Cable with connector (350 mm)	1		1	1,5	<a href="#">147TA5279</a>

# LIMIT SWITCHES



Centre distance: 20 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (350 mm)	1		1	1,5	<a href="#">147TA5274</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (365 mm)	1			3	<a href="#">146TA4467</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (365 mm)		1		1,5	<a href="#">147TA5289</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (370 mm)			1	1,5	<a href="#">146TA4448</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (390 mm)	1		1	3	<a href="#">146TA4446</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (395 mm)			1	3	<a href="#">146TA4445</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (400 mm)	1		1	1,5	<a href="#">146TA4444</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (685 mm)	1			3	<a href="#">146TA4416</a>



**Centre distance: 20 mm**

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Fixed connector	1		1	3	<a href="#">147TA5265</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Special	1		1	2,5	<a href="#">147TA5291</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (1030 mm)	1		1	1,5	<a href="#">165TA1191</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (1050 mm)	1		1	3	<a href="#">147TA5227</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (1055 mm)	1		1	0,1	<a href="#">147TA5239</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (1400 mm)		1		3	<a href="#">146TA2087</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (1965 mm)	1		2	3	<a href="#">147TA5241</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (2000 mm)	1		1	3	<a href="#">147TA5226</a>

# LIMIT SWITCHES



Centre distance: 20 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (2000 mm)			1	3	<a href="#">147TA5242</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (2000 mm)	1		1	3	<a href="#">147TA5229</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (2000 mm)			2	1,5	<a href="#">147TA5245</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (2000 mm)	1		1	3	<a href="#">147TA5230</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (2050 mm)	1		1	3	<a href="#">147TA5234</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (2145 mm)	1		1	1,5	<a href="#">147TA5236</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (2960 mm)	1		1	1,5	<a href="#">146TA5949</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (3000 mm)	1		1	1,5	<a href="#">147TA5235</a>



Centre distance: 20 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Cable (3000 mm)	1		1	1,5	<a href="#">147TA5222</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Cable (4000 mm)	1		1	1,5	<a href="#">147TA5233</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Cable (4930 mm)	1		1	1,5	<a href="#">146TA5931</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Cable (565 mm)			1	3	<a href="#">147TA5244</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Cable (585 mm)			1	3	<a href="#">147TA5243</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Cable (6500 mm)	1		1	3	<a href="#">165TA1185</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Cable + cable with connector (205 mm)			1	3	<a href="#">146TA6864</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Cable with connector (1020 mm)			1	3	<a href="#">146TA4262</a>

# LIMIT SWITCHES



Centre distance: 20 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Cable with connector (1080 mm)		1		3	<a href="#">146TA6840</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Cable with connector (1080 mm)	1		1	6	<a href="#">146TA6863</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Cable with connector (1100 mm)	1		1	1,5	<a href="#">147TA5248</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Cable with connector (155 mm)	1		1	3	<a href="#">146TA8162</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Cable with connector (165 mm)	1		1	1,5	<a href="#">146TA4486</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Cable with connector (175 mm)			1	3	<a href="#">146TA6867</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Cable with connector (2020 mm)	2			3	<a href="#">165TA1221</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Cable with connector (2050 mm)	1		1	3	<a href="#">147TA5251</a>



Centre distance: 20 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Cable with connector (2050 mm)		1		3	<a href="#">146TA6856</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Cable with connector (240 mm)		1		3	<a href="#">147TA5262</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Cable with connector (245 mm)			1	0,1	<a href="#">147TA5260</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Cable with connector (245 mm)		1			<a href="#">147TA5261</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Cable with connector (255 mm)	1		1	3	<a href="#">146TA4820</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Cable with connector (308 mm)	1		1	3	<a href="#">147TA5255</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Cable with connector (345 mm)	1		1	1,5	<a href="#">165TA1126</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Cable with connector (380 mm)	1		1	3	<a href="#">146TA4816</a>

# LIMIT SWITCHES



Centre distance: 20 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Cable with connector (400 mm)	1		1	3	<a href="#">146TA4817</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Cable with connector (420 mm)	1		1	3	<a href="#">146TA6875</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Cable with connector (470 mm)	1			3	<a href="#">147TA5256</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Cable with connector (470 mm)			1	3	<a href="#">147TA2186</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Cable with connector (800 mm)			1	3	<a href="#">146TA4696</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Cable with connector (850 mm)	1		1	1,5	<a href="#">147TA5247</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Fixed connector	1		1	3	<a href="#">147TA5217</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Fixed connector	1		1	1,5	<a href="#">147TA5219</a>





Centre distance: 20 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Fixed connector	1		1	8	<a href="#">147TA5218</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Fixed connector	1		1	3	<a href="#">165TA1199</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Fixed connector	1		1	2	<a href="#">147TA5220</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Cable (2040 mm)	1		1	1,5	<a href="#">146TA6061</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Fixed connector	1		1	4	<a href="#">151TA1427</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Special	1		1	1,5	<a href="#">146TA6059</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Special	1		1	1,5	<a href="#">146TA6063</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Special			2	1,5	<a href="#">147TA5723</a>




Centre distance: 20 x 20 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland NPT 1/2	1		1	3	<a href="#">165TA1182</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	1		1	3	<a href="#">151TA1430</a>



Centre distance: 20 x 21 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland M20 x 1,5	1		1	4	<a href="#">110TA8749</a>

# LIMIT SWITCHES



Centre distance: 20 x 22 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Cable with connector (1765 mm)	2			3	<a href="#">147TA5419</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Cable with connector (1860 mm)	1		1	300	<a href="#">165TA1123</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Cable with connector (2150 mm)	1		1	3	<a href="#">147TA5417</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Gland M20 x 1,5	1		1	4	<a href="#">147TA5403</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Gland M20 x 1,5	1		1		<a href="#">147TA5404</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Gland NPT 1/2	1		1	10	<a href="#">147TA5414</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Gland PG 11	1		1	3	<a href="#">147TA5408</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Gland PG 11	1		1	3	<a href="#">146TA7823</a>



Centre distance: 20 x 22 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Adjustable roller arm	Gland PG 11	1		2	1,5	<a href="#">165TA1102</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Adjustable roller arm	Gland PG 11	2			3	<a href="#">147TA5412</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Adjustable roller arm	Gland PG 11	1		1	3	<a href="#">147TA5409</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Adjustable roller arm	Gland PG 13,5	1		1	10	<a href="#">146TA5716</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Adjustable roller arm	Gland PG 13,5	1		1	3	<a href="#">147TA5405</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Head	Gland PG 11	1		1	3	<a href="#">146TA5911</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Lever with adjustable nylon pin	Gland PG 13,5	1		1	6	<a href="#">147TA5651</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Lever with adjustable pin	Gland PG 11	1		1	3	<a href="#">147TA5741</a>

# LIMIT SWITCHES



Centre distance: 20 x 22 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Lever with adjustable pin	Gland PG 11	1		1	3	<a href="#">147TA5731</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Lever with adjustable pin	Gland PG 13,5	1		1	4	<a href="#">147TA5652</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Lever with adjustable steel pin	Gland PG 13,5	1		1	3	<a href="#">147TA2104</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Lever with roller	Cable with connector (11750 mm)			1	3	<a href="#">147TA5449</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Lever with roller	Cable with connector (2460 mm)			1	3	<a href="#">147TA2083</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Lever with roller	Cable with connector (3465 mm)			1	3	<a href="#">147TA5448</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Lever with roller	Cable with connector (520 mm)			1	3	<a href="#">147TA5445</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Lever with roller	Gland M16 x 1,5	1		1	4	<a href="#">106TA2563</a>



Centre distance: 20 x 22 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland M20 x 1,5	1		1	4	<a href="#">147TA5426</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland M20 x 1,5	1		1	6	<a href="#">147TA5423</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland M20 x 1,5	2			4	<a href="#">147TA5429</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland M20 x 1,5	1		1	4	<a href="#">147TA5425</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland M20 x 1,5	1		1		<a href="#">147TA5421</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland M20 x 1,5	1		1	4	<a href="#">147TA5424</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland PG 11	1		1	3	<a href="#">145TA1933</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland PG 11	1		1	3	<a href="#">128TA3034</a>

# LIMIT SWITCHES



LIMIT SWITCHES

Centre distance: 20 x 22 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland PG 11	1		1	3	<a href="#">128TA3030</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland PG 11	1		1	3	<a href="#">128TA3033</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland PG 11	1		1	10	<a href="#">165TA1178</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland PG 11	1		1	3	<a href="#">147TA2133</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland PG 11	1		1	3	<a href="#">147TA2136</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland PG 11			2	1,5	<a href="#">147TA5624</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland PG 13,5	1		1	6	<a href="#">147TA5430</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable (230 mm)	1		1	30	<a href="#">146TA4561</a>



Centre distance: 20 x 22 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Gland M16 x 1,5	1		1	3	<a href="#">146TA8778</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Gland M20 x 1,5	1		1	4	<a href="#">147TA5649</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Gland M20 x 1,5	1		1	4	<a href="#">106TA2559</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Gland M20 x 1,5	1		1	4	<a href="#">147TA5663</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Gland M20 x 1,5	1		1	3	<a href="#">146TA8801</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Gland M20 x 1,5	1		1	6	<a href="#">146TA9963</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Gland M20 x 1,5	1		1	3	<a href="#">147TA5666</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Gland PG 11	1		1	3	<a href="#">147TA5745</a>

# LIMIT SWITCHES



LIMIT SWITCHES

Centre distance: 20 x 22 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Gland PG 13,5	2		2	2	<a href="#">147TA5671</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Gland PG 13,5	1		1	6	<a href="#">147TA5657</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Gland PG 13,5	1		1	3	<a href="#">147TA5665</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Gland PG 13,5	1		1	10	<a href="#">146TA5718</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Gland PG 13,5			2		<a href="#">147TA5621</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable (250 mm)			2	10	<a href="#">147TA5372</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable (250 mm)			2	10	<a href="#">147TA5373</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (205 mm)	1			3	<a href="#">147TA5391</a>

# LIMIT SWITCHES



Centre distance: 20 x 22 mm

 	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller arm	Cable with connector (224 mm)			2	10	<a href="#">147TA5402</a>
 	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller arm	Cable with connector (225 mm)			2	10	<a href="#">147TA2112</a>
 	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller arm	Cable with connector (240 mm)	1		2	1,5	<a href="#">147TA5386</a>
 	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller arm	Cable with connector (240 mm)	1		1	3	<a href="#">147TA2113</a>
 	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller arm	Cable with connector (245 mm)	1		2	1,5	<a href="#">147TA5388</a>
 	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller arm	Cable with connector (250 mm)	1		1	3	<a href="#">147TA2114</a>
 	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller arm	Cable with connector (260 mm)	1		1	0,1	<a href="#">147TA5385</a>
 	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller arm	Cable with connector (260 mm)	1		1	10	<a href="#">147TA5383</a>

# LIMIT SWITCHES



Centre distance: 20 x 22 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (265 mm)			2	3	<a href="#">147TA5400</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (290 mm)	1		1	10	<a href="#">147TA5384</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (480 mm)	1		1	3	<a href="#">165TA1093</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (540 mm)	1		1	3	<a href="#">147TA5376</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (570 mm)	2			3	<a href="#">147TA5394</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (675 mm)	1		1	3	<a href="#">147TA5379</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (70 mm)	1		1	4	<a href="#">146TA4973</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (950 mm)	1			3	<a href="#">147TA5392</a>



Centre distance: 20 x 22 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Fixed connector	1		1	3	<a href="#">147TA5370</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Gland M16 x 1,5	1		1	3	<a href="#">147TA5336</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Gland M20 x 1,5	1		1	6	<a href="#">139TA5075</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Gland M20 x 1,5	1		1	6	<a href="#">147TA5328</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Gland M20 x 1,5	1		1	8	<a href="#">147TA5331</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Gland M20 x 1,5	1		1	6	<a href="#">165TA1198</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Gland M20 x 1,5	1		1	10	<a href="#">165TA1202</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Gland M20 x 1,5	1		1	4	<a href="#">147TA5329</a>

# LIMIT SWITCHES



Centre distance: 20 x 22 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland M20 x 1,5	1		1	3	<a href="#">147TA5333</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland M20 x 1,5	1		1	4	<a href="#">147TA5332</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland M20 x 1,5	1		1	3	<a href="#">165TA1165</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland M20 x 1,5	1		1	4	<a href="#">147TA5335</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland NPT 1/2	1		1	3	<a href="#">145TA1997</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland NPT 1/2	1		2	6	<a href="#">165TA1192</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	1		1	3	<a href="#">147TA5350</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11			2	3	<a href="#">147TA5369</a>



Centre distance: 20 x 22 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	1		1	3	<a href="#">147TA5352</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	1		1	3	<a href="#">147TA5362</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	1		1	3	<a href="#">146TA9812</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	1		1	3	<a href="#">139TA5081</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	1		1	3	<a href="#">147TA5359</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	1		1	3	<a href="#">151TA1431</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	1			3	<a href="#">147TA5366</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	1		2	1,5	<a href="#">147TA5365</a>

# LIMIT SWITCHES



Centre distance: 20 x 22 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	1		1	3	<a href="#">128TA3028</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	2		2	3	<a href="#">147TA5367</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	1		1	10	<a href="#">147TA5358</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	1		1	3	<a href="#">147TA5360</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11		1	1	3	<a href="#">147TA2129</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	1		1	3	<a href="#">147TA5353</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	2			3	<a href="#">165TA1223</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 11	1		1	3	<a href="#">147TA5361</a>



Centre distance: 20 x 22 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 13,5	1		1	6	<a href="#">147TA5340</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 13,5	1		1	10	<a href="#">147TA5342</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 13,5			2	10	<a href="#">146TA5719</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 13,5			2	6	<a href="#">147TA5344</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 13,5	1		1	3	<a href="#">146TA8750</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 13,5	1		1	3	<a href="#">147TA5339</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 13,5	1		1	3	<a href="#">147TA5338</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 13,5	1		1	3	<a href="#">147TA1261</a>

# LIMIT SWITCHES



LIMIT SWITCHES

Centre distance: 20 x 22 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Gland PG 13,5	1		1	3	<a href="#">147TA5343</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Cable (10470 mm)	1		1	4	<a href="#">147TA5321</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Cable (1670 mm)			1	4	<a href="#">147TA1678</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Cable (5750 mm)	1		1	4	<a href="#">147TA1676</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Cable with connector (1890 mm)	2			0,1	<a href="#">165TA1217</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Cable with connector (460 mm)	1		1	3	<a href="#">165TA1134</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Fixed connector	1		1	3	<a href="#">147TA5318</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Gland M16 x 1,5	1		1	3	<a href="#">147TA5299</a>

# LIMIT SWITCHES



Centre distance: 20 x 22 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Gland M20 x 1,5	1		1	6	<a href="#">147TA5297</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Gland M20 x 1,5	1		1	4	<a href="#">147TA5356</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Gland M20 x 1,5	1		1	4	<a href="#">146TA8931</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Gland M20 x 1,5	1		1	3	<a href="#">147TA5296</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Gland M20 x 1,5	1		1	4	<a href="#">147TA1667</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Gland NPT 1/2	1		2	1,5	<a href="#">147TA5317</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Gland PG 11	1		1	3	<a href="#">147TA5312</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Gland PG 11	1		1	3	<a href="#">147TA5313</a>

# LIMIT SWITCHES



LIMIT SWITCHES

Centre distance: 20 x 22 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Gland PG 11	1		1	3	<a href="#">147TA5310</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Gland PG 13,5	1		1	6	<a href="#">147TA5305</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Gland PG 13,5	1		1		<a href="#">165TA1148</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Gland PG 13,5	1		1	6	<a href="#">147TA5306</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Gland PG 13,5	1		1	3	<a href="#">147TA5303</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Gland PG 13,5	1		1	6	<a href="#">147TA5302</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Roller plunger	Gland PG 13,5	1		1	3	<a href="#">147TA5304</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b> A	<b>REF</b>
	Special	Gland M20 x 1,5	1		1	10	<a href="#">147TA5620</a>

# LIMIT SWITCHES



Centre distance: 20 x 22 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Special	Gland M20 x 1,5	1		1	3	<a href="#">151TA1429</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Special	Gland PG 11	1		1	3	<a href="#">146TA5961</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Special	1		2	1,5	<a href="#">147TA5638</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Special	1		1	3	<a href="#">147TA5637</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Special			2	3	<a href="#">147TA5717</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Special	2			3	<a href="#">146TA6071</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Special	1		1	0,01	<a href="#">147TA5746</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Special	1		1	3	<a href="#">147TA5708</a>

# LIMIT SWITCHES



LIMIT SWITCHES

Centre distance: 20 x 22 x 40 x 42 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Cable with connector (2540 mm)	1		1	3	<a href="#">146TA3008</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Cable with connector (3180 mm)	1		1	3	<a href="#">147TA5469</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Gland PG 11	1		1	3	<a href="#">147TA5467</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Gland PG 11	2			3	<a href="#">147TA5468</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Lever with roller	Gland M20 x 1,5	1		1	6	<a href="#">147TA1707</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Lever with roller	Gland PG 13,5	1		1	3	<a href="#">165TA1151</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Cable with connector (2950 mm)		1		3	<a href="#">147TA5466</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Gland M16 x 1,5	1		1	3	<a href="#">147TA5459</a>

# LIMIT SWITCHES



Centre distance: 20 x 22 x 40 x 42 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Gland M16 x 1,5	1		1	3	<a href="#">146TA8056</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Gland M20 x 1,5	1		1	3	<a href="#">147TA1263</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Gland NPT 1/2	1		1	3	<a href="#">165TA1090</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Gland PG 11	1		1	3	<a href="#">146TA5924</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Gland PG 11	1		1	3	<a href="#">147TA5463</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Gland PG 11	1		1	3	<a href="#">146TA8080</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Gland PG 11			2	3	<a href="#">147TA5465</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Gland PG 11 (450 mm)			2	3	<a href="#">147TA5464</a>

# LIMIT SWITCHES





LIMIT SWITCHES

Centre distance: 20 x 22 x 40 x 42 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Gland M16 x 1,5	1		1		<a href="#">146TA8401</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Gland M20 x 1,5	1		1	10	<a href="#">147TA5451</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Gland PG 13,5			2	3	<a href="#">147TA5457</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Gland PG 13,5	2		2	10	<a href="#">147TA5455</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Gland PG 13,5	1		1	6	<a href="#">147TA5453</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Without	Gland M16 x 1,5	1		1	3	<a href="#">147TA5740</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Without	Gland M16 x 1,5	1		1	3	<a href="#">147TA5631</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Without	Gland M16 x 1,5			2	3	<a href="#">147TA5633</a>



Centre distance: 20 x 22 x 40 x 42 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Gland PG 11			2	3	<a href="#">147TA5619</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Gland PG 11	2			3	<a href="#">146TA6074</a>



Centre distance: 20 x 22 x 51 x 53 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Roller arm	Gland PG 11	2			10	<a href="#">147TA2147</a>



Centre distance: 21 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Fixed connector	1		1	6	<a href="#">147TA5481</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable with connector (1870 mm)	1			8	<a href="#">146TA4079</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Gland M20 x 1,5	1		2	8	<a href="#">147TA5660</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Gland PG 11	1		1	8	<a href="#">147TA5655</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Special	1		1	6	<a href="#">147TA5656</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Fixed connector			2	8	<a href="#">146TA5038</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Fixed connector			2	8	<a href="#">146TA5064</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Fixed connector	1		1	6	<a href="#">147TA5476</a>






Centre distance: 21 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Fixed connector	1		1	6	<a href="#">147TA5479</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Fixed connector	1		1		<a href="#">147TA5477</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Gland M20 x 1,5	1		1	3	<a href="#">147TA5475</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Cable (1000 mm)	1		1	6	<a href="#">147TA5473</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Cable (285 mm)	1			6	<a href="#">146TA4299</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Fixed connector	1		1	6	<a href="#">147TA5472</a>






Centre distance: 21 x 56 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Adjustable roller arm	Cable (1025 mm)	1		1	5	<a href="#">151TA3529</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Adjustable roller arm	Special	1		1	5	<a href="#">136TA2927</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Adjustable roller arm	Special	1		1	5	<a href="#">147TA5488</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable (590 mm)	1			5	<a href="#">146TA1981</a>



Centre distance: 21,2 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Fixed connector	2			8	<a href="#">147TA5483</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland M20 x 1,5	1		1	8	<a href="#">106TA2571</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland M20 x 1,5	2			8	<a href="#">147TA5482</a>



Centre distance: 21,3 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Pin plunger	Special	1		1	8	<a href="#">146TA6308</a>



Centre distance: 21,8 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Roller arm	Fixed connector	1		1	5	<a href="#">146TA5280</a>



**Centre distance: 22 mm**

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with adjustable steel pin	Fixed connector			2	8	<a href="#">147TA5642</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Cable with connector (1600 mm)			1	8	<a href="#">146TA5039</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Cable with connector (605 mm)			1	8	<a href="#">110TA9016</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Fixed connector	1		1	8	<a href="#">147TA5497</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Fixed connector	1		1	4	<a href="#">147TA5498</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Fixed connector	1		1	5	<a href="#">147TA5499</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Fixed connector			2	8	<a href="#">147TA5647</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Fixed connector	1		1	8	<a href="#">147TA5650</a>

# LIMIT SWITCHES






LIMIT SWITCHES

Centre distance: 22 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Fixed connector	1		1	8	<a href="#">147TA5658</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Fixed connector	1		1	6	<a href="#">147TA5648</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Special	1		1		<a href="#">165TA1112</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Special	1		1	8	<a href="#">146TA8634</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Fixed connector	1		1	6	<a href="#">147TA5492</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Cable (2020 mm)		1			<a href="#">147TA5490</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Fixed connector	2			5	<a href="#">165TA1218</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Fixed connector	1		1	8	<a href="#">146TA5084</a>



Centre distance: 22 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Fixed connector	1		1	6	<a href="#">146TA5186</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Fixed connector	1		1	6	<a href="#">147TA5489</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Gland M20 x 1,5			2	3	<a href="#">146TA9186</a>



Centre distance: 22 x 22 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Roller arm	Gland PG 11	1		1	10	<a href="#">147TA2156</a>



Centre distance: 22 x 23 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Pin plunger	Gland M16 x 1,5	1		1	3	<a href="#">165TA1128</a>



Centre distance: 25 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Flexible steel pin	Gland NPT 1/2		1		15	<a href="#">123TA2016</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Head	Cable (1040 mm)		1		5	<a href="#">147TA5761</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller arm	Gland M20 x 1,5	1		1	10	<a href="#">147TA5520</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (1000 mm)		1		0,3	<a href="#">147TA5511</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (1050 mm)	1		1	6	<a href="#">146TA7278</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (2010 mm)	1		1	1,5	<a href="#">146TA8400</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (2860 mm)		1		10	<a href="#">147TA2103</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (3170 mm)	1		1	2	<a href="#">147TA5507</a>



Centre distance: 25 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable (390 mm)			1	3	<a href="#">165TA1078</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable + cable with connector (990 mm)	1		1	10	<a href="#">147TA5515</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable with connector (1025 mm)	1		1	10	<a href="#">147TA5516</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable with connector (1133 mm)		1		10	<a href="#">147TA5519</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable with connector (1550 mm)			1	10	<a href="#">147TA2168</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable with connector (500 mm)		1		0,3	<a href="#">146TA6837</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current A</b>	<b>REF</b>
	Roller plunger	Cable with connector (560 mm)	1		1	6	<a href="#">146TA6860</a>



Centre distance: 25,4 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Roller plunger	Cable (1000 mm)	1		1	10	<a href="#">165TA1153</a>





Centre distance: 26 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Roller arm	Cable (1065 mm)	1		1		<a href="#">165TA1173</a>




Centre distance: 27 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland M16 x 1,5	1		1	6	<a href="#">147TA5526</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland M16 x 1,5	1		1	6	<a href="#">147TA5527</a>



Centre distance: 29,5 x 67,5 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Gland PG 11		1		5	<a href="#">147TA5530</a>

# LIMIT SWITCHES



LIMIT SWITCHES

Centre distance: 30 x 60 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Gland M20 x 1,5	1		1	4	<a href="#">105TA4735</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Gland PG 13,5	1		1	3	<a href="#">147TA5571</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Gland PG 13,5	1		1	6	<a href="#">147TA5570</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Gland PG 13,5	2			3	<a href="#">146TA8752</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Head	Gland M20 x 1,5	1		1	4	<a href="#">147TA5722</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Pin plunger	Gland M20 x 1,5	1		1	6	<a href="#">165TA1194</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Gland M20 x 1,5	1		1	4	<a href="#">147TA5550</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Gland M20 x 1,5	1		1	4	<a href="#">147TA5549</a>



Centre distance: 30 x 60 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland M20 x 1,5	1		1	4	<a href="#">147TA5555</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland M20 x 1,5			2	15	<a href="#">147TA5558</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland M20 x 1,5	1		1	2	<a href="#">147TA5552</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland M20 x 1,5	1		1	4	<a href="#">147TA5551</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland M20 x 1,5			2	4	<a href="#">147TA5556</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 13,5	2		2	3	<a href="#">146TA6311</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 13,5	1		1	2	<a href="#">147TA5563</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Gland PG 13,5			2	10	<a href="#">146TA9183</a>

# LIMIT SWITCHES



Centre distance: 30 x 60 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Gland PG 13,5	1		1	3	<a href="#">147TA5559</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Gland M20 x 1,5			2	2	<a href="#">147TA5544</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Gland M20 x 1,5	1		1	4	<a href="#">147TA5538</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Gland M20 x 1,5	1		1	2	<a href="#">147TA5543</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Gland M20 x 1,5	1		1	3	<a href="#">147TA5541</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Gland NPT 1/2	1		1	3	<a href="#">147TA5548</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Gland NPT 1/2	1		1	3	<a href="#">126TA5415</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Gland PG 13,5	1		1	2	<a href="#">147TA5546</a>

# LIMIT SWITCHES



Centre distance: 30 x 60 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Gland PG 13,5			2	3	<a href="#">138TA7099</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Gland PG 13,5	1		1	2	<a href="#">147TA5545</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Special	Gland M20 x 1,5	1		1	6	<a href="#">146TA9604</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Gland M20 x 1,5	2		2	3	<a href="#">147TA5690</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Gland PG 13,5	1		1	3	<a href="#">146TA6054</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Gland PG 13,5	2		2	3	<a href="#">165TA1207</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Gland PG 13,5	1		1	3	<a href="#">147TA5689</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Gland PG 13,5	1		1	3	<a href="#">147TA5679</a>



Centre distance: 33 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Roller plunger	Special		1		0,1	<a href="#">147TA5582</a>





Centre distance: 39 x 42 x 48 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Double roller	Gland M20 x 1,5	1		1	10	<a href="#">147TA5587</a>



Centre distance: 40 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Fixed connector			2	3	<a href="#">147TA5588</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Special	Cable (4460 mm)	2			6	<a href="#">147TA5714</a>



Centre distance: 40 x 59 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Double roller	Gland M20 x 1,5	2			3	<a href="#">165TA1212</a>

# LIMIT SWITCHES




Centre distance: 41 mm

	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Adjustable roller arm	Gland PG 13,5	1		1	3	<a href="#">147TA5597</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Pin plunger	Gland PG 11	1		1	3	<a href="#">106TA2565</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller arm	Gland PG 11	1		1	3	<a href="#">106TA2566</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Roller plunger	Gland PG 11	1		1	4	<a href="#">147TA5593</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Without	Gland M20 x 1,5	1		1	3	<a href="#">147TA5688</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Without	Gland NPT 1/2	1		1	3	<a href="#">147TA5686</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Without	Gland PG 11	1		1	3	<a href="#">147TA5654</a>
	<b>Type of lever</b>	<b>Type of connection</b>	<b>Qty. of NO contacts</b>	<b>Qty. of CO contacts</b>	<b>Qty. of NC contacts</b>	<b>Current</b>	<b>REF</b>
	Without	Gland PG 13,5	1		1	3	<a href="#">146TA6056</a>



Centre distance: 41 x 71 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland NPT 1/2		2		10	<a href="#">147TA5601</a>





Centre distance: 42 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Pin plunger	Gland PG 13,5		1		11	<a href="#">147TA5756</a>



Centre distance: 66 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Head	Gland NPT 1/2	1		1	10	<a href="#">147TA5643</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Without	Gland NPT 1/2	2		2	10	<a href="#">147TA5685</a>




Centre distance: 67 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Pin plunger	Gland PG 13,5	1		1	3	<a href="#">147TA5718</a>




Centre distance: 68 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Gland M20 x 1,5 (16 mm)		1			<a href="#">146TA5708</a>



Centre distance: 71 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Gland PG 9		1			<a href="#">165TA1099</a>



Centre distance: 72 x 40 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Special	Gland PG 13,5	1		1	10	<a href="#">147TA5697</a>

LIMIT SWITCHES



Centre distance: 74 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Lever with roller	Gland PG 9		1		6	<a href="#">147TA5613</a>





Centre distance: 75 x 150 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Roller arm	Special	2		4		<a href="#">147TA5615</a>



## Centre distance: Special


	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Pin plunger	Cable (1050 mm)	1		1	6	<a href="#">147TA5670</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller plunger	Cable (2065 mm)	1		1	6	<a href="#">146TA8668</a>



# LIMIT SWITCHES (2 pieces)



Centre distance: 20 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Lever with roller	Cable with connector (350 mm)	2		2	4	<a href="#">146TA8178</a>





Centre distance: 20 x 22 mm



Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
Roller plunger	Fixed connector	2		2	3	<a href="#">139TA5085</a>




Centre distance: 21 x 56 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Roller arm	Cable with connector (290 mm)	2		2	5	<a href="#">146TA8422</a>
	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current (A)	REF
	Roller arm	Cable with connector (300 mm)	2		2	5	<a href="#">146TA9190</a>



Centre distance: 88 x 95 mm

	Type of lever	Type of connection	Qty. of NO contacts	Qty. of CO contacts	Qty. of NC contacts	Current A	REF
	Special	Gland PG 13,5	2		3	6	<a href="#">146TA5959</a>



## NOTES

A series of horizontal dotted lines for taking notes.



 myPS MyProductSearch

# TOGGLE SWITCHES



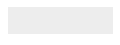


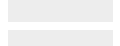


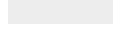


## TECHNICAL SHEET

	TA1 . . . . .	Type of thread
	SUB-TA1 . . . . .	Subtype of thread
	Pm1. . . . .	Pitch (metric)
	Pi1 . . . . .	Pitch (inch)
	RH/LH . . . . .	Right- or left-handed thread
	L4 . . . . .	Total length of the toggle switch (mm)
	W2 . . . . .	Total width of the toggle switch (mm)
	H1 . . . . .	Total height of the toggle switch (mm)
	D2 . . . . .	Total diameter of the toggle switch (mm)
	QTY-HO . . . . .	Number of mounting holes
	C1 . . . . .	Shortest centre distance between mounting holes (mm)
	C2 . . . . .	Longest centre distance between mounting holes (mm)
	D3 . . . . .	Diameter of the mounting hole (mm)
	L5 . . . . .	Length of the cable (mm)
	SRT-SWIT . . . . .	Sort of the switch:
	1-POLE =	1-pole
	2-POLE =	2-pole
	3-POLE =	3-pole
	4-POLE =	4-pole
	X-POLE =	X-pole
	SI-POLE =	single-pole
	DO-POLE =	double-pole
	TR-POLE =	tripple-pole
	FO-POLE =	four-pole
	MUL-POLE =	multi-pole
	SP =	special
	TY-SWIT . . . . .	Type of the switch:
	SWIT-1 =	ON-OFF
	SWIT-2 =	ON-(OFF)
	SWIT-3 =	(ON)-OFF
	SWIT-4 =	ON-ON
	SWIT-5 =	ON-(ON)
	SWIT-6 =	ON-OFF-ON
	SWIT-7 =	ON-OFF-(ON)
	SWIT-8 =	(ON)-OFF-(ON)
	SWIT-9 =	ON-ON-ON
	SWIT-10 =	ON-ON-(ON)
	SWIT-11 =	(ON)-ON-(ON)
	SWIT-12 =	ON-NONE-ON
	SWIT-13 =	ON-NONE-(ON)
	SWIT-14 =	ON-ON-NONE
	SWIT-15 =	(ON)-ON-NONE
	SWIT-16 =	ON-(ON)-NONE
	SWIT-17 =	ON-OFF-NONE
	SWIT-18 =	(ON)-OFF-NONE
	SWIT-19 =	ON-(OFF)-NONE
	SWIT-20 =	OFF-ON-NONE
	SWIT-21 =	(OFF)-ON-NONE
	SWIT-22 =	OFF-(ON)-NONE
	SWIT-23 =	ON-NONE-OFF
	SWIT-24 =	ON-NONE-(OFF)
	SWIT-25 =	(ON)-NONE-OFF
	SP =	special



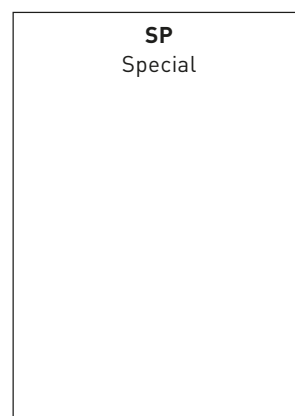
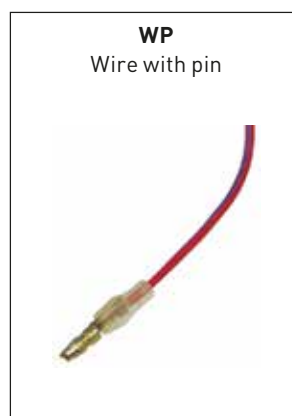
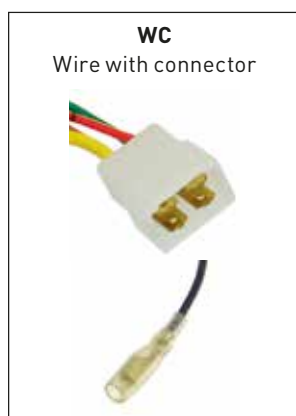
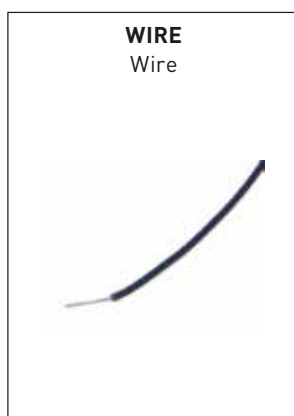
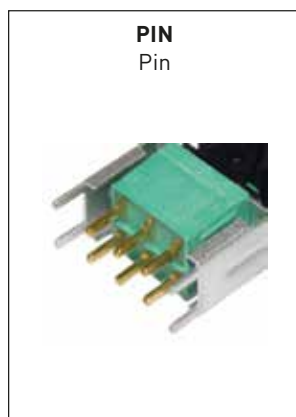
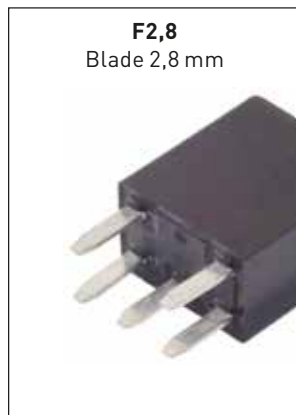
## TECHNICAL SHEET

	MAT-H . . . . . Material of the housing: <i>MET = metal</i> <i>METPL = metal + plastic</i> <i>PL = plastic</i>
	MAT-ACTU . . . . Material of the actuator: <i>MET = metal</i> <i>METPL = metal + plastic</i> <i>PL = plastic</i>
	IP . . . . . IP value/protection
	CAP-PR . . . . . Cap present (yes/no)
	SYM-PR . . . . . Symbol present (yes/no)
	LHT-PR . . . . . Light present: <i>NO = no</i> <i>YES = yes</i> <i>OP = optional</i>
	LET . . . . . Lettering: text or digits stated on the toggle switch



## TECHNICAL SHEET

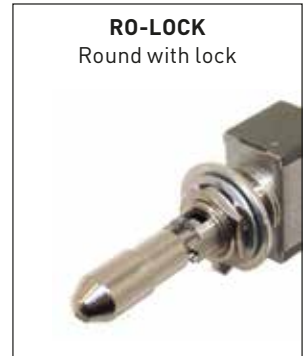
### TY-CON: TYPE OF THE CONNECTION



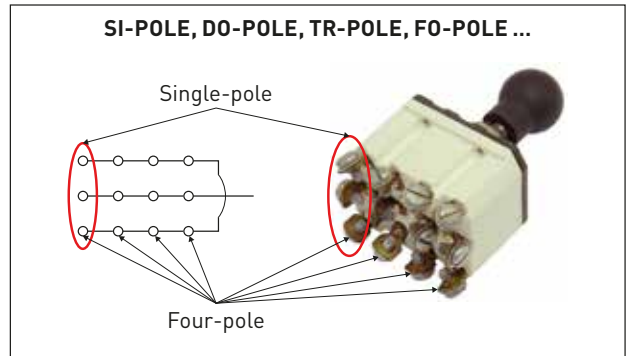
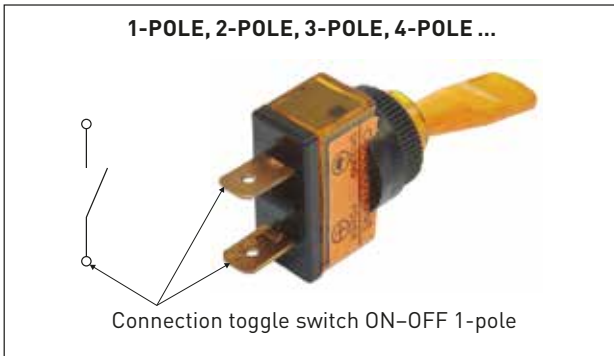


## TECHNICAL SHEET

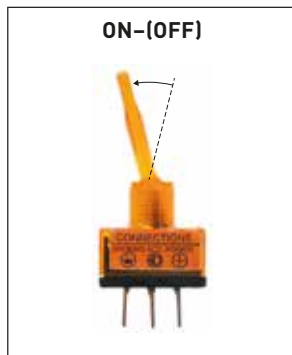
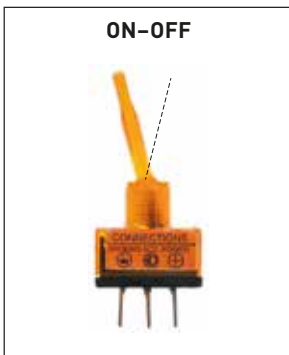
### TY-ACTU: TYPE OF THE ACTUATOR



### SRT-SWIT: SORT OF SWITCH



### TY-SWIT: TYPE OF THE SWITCH



## TECHNICAL SHEET

### CAP-PR: CAP PRESENT



### SYM-PR: SYMBOL PRESENT



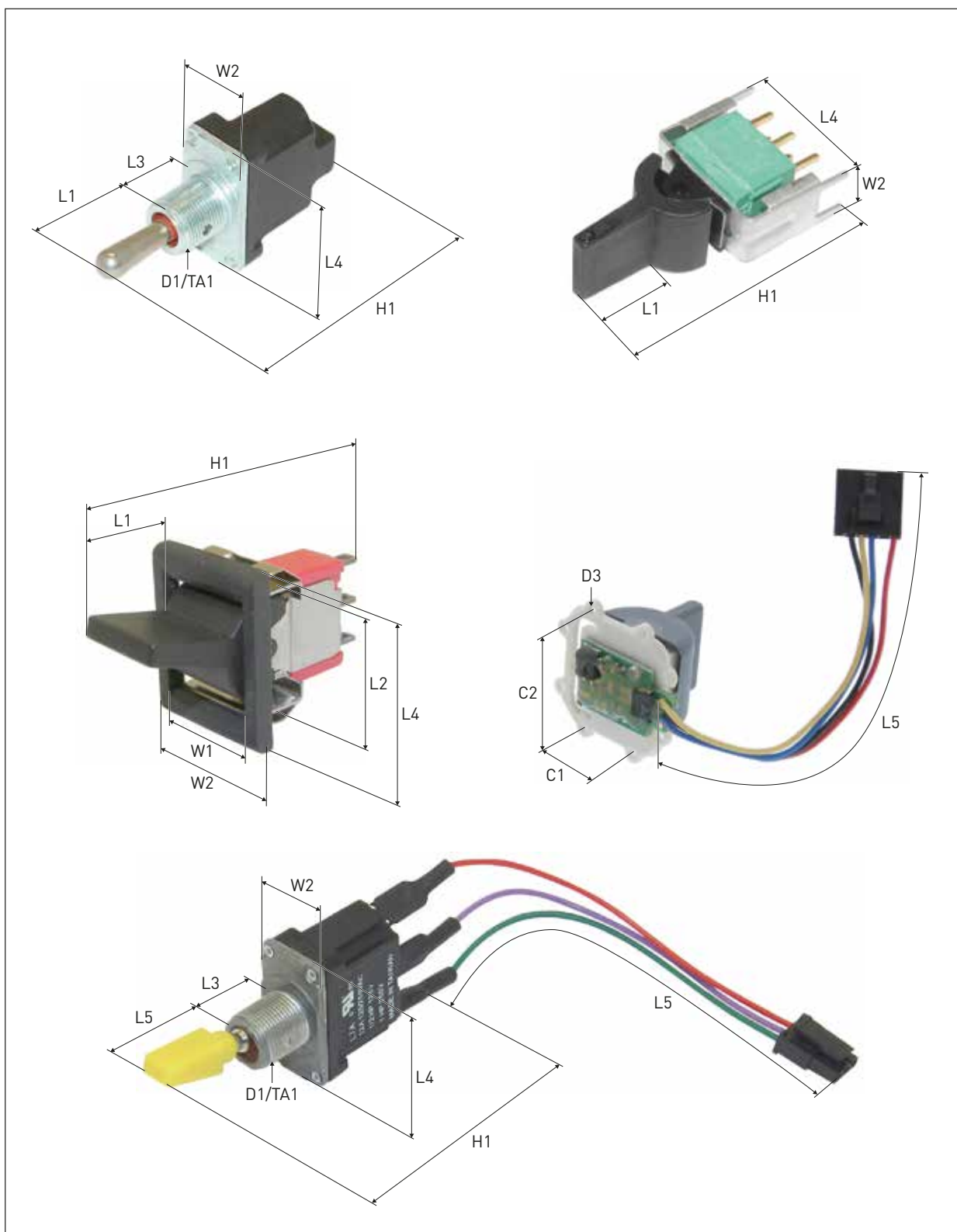
### LHT-PR: LIGHT PRESENT





## TECHNICAL SHEET

### DIMENSIONS



**TVH PARTS NV**  
 Brabantstraat 15 · 8790 Waregem · Belgium  
 T +32 56 43 42 11 · F +32 56 43 44 88 · info@tvh.com · www.tvh.com  
 BTW BE 0425 399 042 · RLP Gent – division Kortrijk 0425 399 042  
 BNP Paribas Fortis 285-0448248-40 · IBAN BE02 2850 4482 4840 · SWIFT/BIC GEBABEBB



### TUIMELSCHAKELAAR

Groep

**02-03-14-00**

Voorbeeld



Gegevens klant

Type machine: .....

Prijsaanvraag

Serienr. machine: .....

Bestelling

QTY-CON. . . . . Aantal aansluitingen

TY-CON. . . . . Type aansluiting:

*CON = connector*

*F2,8 = vlakstekker 2,8 mm*

*F4,8 = vlakstekker 4,8 mm*

*F6,3 = vlakstekker 6,3 mm*

*F9,5 = vlakstekker 9,5 mm*

*PIN = pin*

*SCRHO = schroef met gat*

*SCR = schroef*

*SCRF = vlakstekker met schroef*

*SCRS = schroef in trappen*

*SO = soldeerverbinding*

*ST = bout*

*WIRE = kabel*

*WC = kabel met connector*

*WP = kabel met pin*

*SP = speciaal*

QTY-PIN . . . . . Aantal pinnen in de connector

I . . . . . Stroomsterkte (A)

U1 . . . . . Minimum spanning (V)

U2 . . . . . Maximum spanning (V)

ACTU-PR. . . . . Bedieningsknop aanwezig (ja/nee)

TY-ACTU . . . . . Type bedieningsknop:

*FL = plat*

*RO = rond*

*FL-LOCK = plat met vergrendeling*

*RO-LOCK = rond met vergrendeling*

*OP = optioneel*

L1 . . . . . Lengte van de bedieningsknop (mm)

D1 . . . . . Inbouwdiameter (mm)

L2 . . . . . Inbouwlengte (mm)

W1 . . . . . Inbouwbreedte (mm)

L3 . . . . . Lengte van de schroefdraad bij paneelmontage (mm)



## TECHNICAL SHEET

	TA1 . . . . .	Type schroefdraad
	SUB-TA1 . . . . .	Subtype schroefdraad
	Pm1 . . . . .	Spoed (metrisch)
	Pi1 . . . . .	Spoed (inch)
	RH/LH . . . . .	Rechtse of linkse schroefdraad
	L4 . . . . .	Totale lengte van de tuimelschakelaar (mm)
	W2 . . . . .	Totale breedte van de tuimelschakelaar (mm)
	H1 . . . . .	Totale hoogte van de tuimelschakelaar (mm)
	D2 . . . . .	Totale diameter van de tuimelschakelaar (mm)
	QTY-HO . . . . .	Aantal bevestigingsgaten
	C1 . . . . .	Kortste centerafstand van de bevestigingsgaten (mm)
	C2 . . . . .	Langste centerafstand van de bevestigingsgaten (mm)
	D3 . . . . .	Diameter van het bevestigingsgat (mm)
	L5 . . . . .	Lengte van de kabel (mm)
	SRT-SWIT . . . . .	Soort schakeling: 1-POLE = 1-polig 2-POLE = 2-polig 3-POLE = 3-polig 4-POLE = 4-polig X-POLE = X-polig SI-POLE = enkelpolig DO-POLE = dubbelpolig TR-POLE = driepolig FO-POLE = vierpolig MUL-POLE = meerpolig SP = speciaal
	TY-SWIT . . . . .	Type van schakeling: SWIT-1 = AAN-UIT SWIT-2 = AAN-(UIT) SWIT-3 = (AAN)-UIT SWIT-4 = AAN-AAN SWIT-5 = AAN-(AAN) SWIT-6 = AAN-UIT-AAN SWIT-7 = AAN-UIT-(AAN) SWIT-8 = (AAN)-UIT-(AAN) SWIT-9 = AAN-AAN-AAN SWIT-10 = AAN-AAN-(AAN) SWIT-11 = (AAN)-AAN-(AAN) SWIT-12 = AAN-GEEN-AAN SWIT-13 = AAN-GEEN-(AAN) SWIT-14 = AAN-AAN-GEEN SWIT-15 = (AAN)-AAN-GEEN SWIT-16 = AAN-(AAN)-GEEN SWIT-17 = AAN-UIT-GEEN SWIT-18 = (AAN)-UIT-GEEN SWIT-19 = AAN-(UIT)-GEEN SWIT-20 = UIT-AAN-GEEN SWIT-21 = (UIT)-AAN-GEEN SWIT-22 = UIT-(AAN)-GEEN SWIT-23 = AAN-GEEN-UIT SWIT-24 = AAN-GEEN-(UIT) SWIT-25 = (AAN)-GEEN-UIT SP = speciaal



## TECHNICAL SHEET

	MAT-H . . . . .	Materiaal van de behuizing: <i>MET = metaal</i> <i>METPL = metaal + plastic</i> <i>PL = plastic</i>
	MAT-ACTU . . . .	Materiaal van de bediening: <i>MET = metaal</i> <i>METPL = metaal + plastic</i> <i>PL = plastic</i>
	IP . . . . .	IP-waarde
	CAP-PR . . . . .	Kap aanwezig (ja/nee)
	SYM-PR . . . . .	Symbool aanwezig (ja/nee)
	LHT-PR . . . . .	Licht aanwezig: <i>NO = nee</i> <i>YES = ja</i> <i>OP = optioneel</i>
	LET . . . . .	Opschrift: tekst of cijfers aanwezig op de tuimelschakelaar





## TECHNICAL SHEET

	TA1 . . . . .	Type de filetage
	SUB-TA1 . . . . .	Sous-type de filetage
	Pm1 . . . . .	Pas métrique
	Pi1 . . . . .	Pas en pouce
	RH/LH . . . . .	Filetage à droite ou à gauche
	L4 . . . . .	Longueur totale de l'interrupteur à levier (mm)
	W2 . . . . .	Largeur totale de l'interrupteur à levier (mm)
	H1 . . . . .	Hauteur totale de l'interrupteur à levier (mm)
	D2 . . . . .	Diamètre total de l'interrupteur à levier (mm)
	QTY-HO . . . . .	Nombre de trous de fixation
	C1 . . . . .	Plus petit entraxe des trous de fixation (mm)
	C2 . . . . .	Plus grand entraxe des trous de fixation (mm)
	D3 . . . . .	Diamètre des de fixation (mm)
	L5 . . . . .	Longueur du câble (mm)
	SRT-SWIT . . . . .	Sorte d'interrupteur :
		1-POLE = unipolaire
		2-POLE = bipolaire
		3-POLE = tripolaire
		4-POLE = quadripolaire
		X-POLE = pôle X
		SI-POLE = pôle simple
		DO-POLE = pôle double
		TR-POLE = pôle triple
		FO-POLE = pôle quadruple
		MUL-POLE = multipolaire
		SP = spécial
	TY-SWIT . . . . .	Type d'interrupteur :
		SWIT-1 = ON-OFF
		SWIT-2 = ON-(OFF)
		SWIT-3 = (ON)-OFF
		SWIT-4 = ON-ON
		SWIT-5 = ON-(ON)
		SWIT-6 = ON-OFF-ON
		SWIT-7 = ON-OFF-(ON)
		SWIT-8 = (ON)-OFF-(ON)
		SWIT-9 = ON-ON-ON
		SWIT-10 = ON-ON-(ON)
		SWIT-11 = (ON)-ON-(ON)
		SWIT-12 = ON-NONE-ON
		SWIT-13 = ON-NONE-(ON)
		SWIT-14 = ON-ON-NONE
		SWIT-15 = (ON)-ON-NONE
		SWIT-16 = ON-(ON)-NONE
		SWIT-17 = ON-OFF-NONE
		SWIT-18 = (ON)-OFF-NONE
		SWIT-19 = ON-(OFF)-NONE
		SWIT-20 = OFF-ON-NONE
		SWIT-21 = (OFF)-ON-NONE
		SWIT-22 = OFF-(ON)-NONE
		SWIT-23 = ON-NONE-OFF
		SWIT-24 = ON-NONE-(OFF)
		SWIT-25 = (ON)-NONE-OFF
		SP = spécial



## TECHNICAL SHEET

<input type="checkbox"/>	MAT-H . . . . .	Matériau du boîtier :
	<i>MET</i> = métal	
	<i>METPL</i> = métal plastique	
	<i>PL</i> = plastique	
<input type="checkbox"/>	MAT-ACTU . . . .	Matériau de l'actionneur :
	<i>MET</i> = métal	
	<i>METPL</i> = métal plastique	
	<i>PL</i> = plastique	
<input type="checkbox"/>	IP . . . . .	Valeur IP
<input type="checkbox"/>	CAP-PR . . . . .	Capuchon présent (oui/non)
<input type="checkbox"/>	SYM-PR . . . . .	Symbole présent (oui/non)
<input type="checkbox"/>	LHT-PR . . . . .	Lampe présente :
	<i>NO</i> = non	
	<i>YES</i> = oui	
	<i>OP</i> = en option	
<input type="checkbox"/>	LET . . . . .	Inscriptions : texte ou chiffres présents sur l'interrupteur à levier



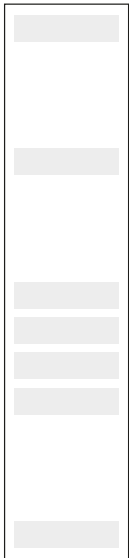


## TECHNICAL SHEET

	TA1 . . . . .	Art des Gewindes
	SUB-TA1 . . . . .	Unterart des Gewindes
	Pm1. . . . .	Steigung (metrisch)
	Pi1 . . . . .	Steigung (Zoll)
	RH/LH . . . . .	Rechts- oder linkshändiges Gewinde
	L4 . . . . .	Gesamtlänge des Kippschalters (mm)
	W2 . . . . .	Gesamtbreite des Kippschalters (mm)
	H1 . . . . .	Gesamthöhe des Kippschalters (mm)
	D2 . . . . .	Gesamtdurchmesser des Kippschalters (mm)
	QTY-H0 . . . . .	Anzahl der Befestigungslöcher
	C1 . . . . .	Kürzester Mittenabstand zwischen Montagebohrungen (mm)
	C2 . . . . .	Längster Mittenabstand zwischen Montagebohrungen (mm)
	D3 . . . . .	Durchmesser der Montagebohrungen (mm)
	L5 . . . . .	Länge des Kabels (mm)
	SRT-SWIT . . . . .	Typ des Schalters: 1-POLE = 1-polig 2-POLE = 2-polig 3-POLE = 3-polig 4-POLE = 4-polig X-POLE = X-polig SI-POLE = Einzelpolig DO-POLE = Doppelpolig TR-POLE = Dreipolig FO-POLE = Vierpolig MUL-POLE = Mehrpolig SP = Sonderausführung
	TY-SWIT . . . . .	Art des Schalters: SWIT-1 = ON-OFF SWIT-2 = ON-(OFF) SWIT-3 = (ON)-OFF SWIT-4 = ON-ON SWIT-5 = ON-(ON) SWIT-6 = ON-OFF-ON SWIT-7 = ON-OFF-(ON) SWIT-8 = (ON)-OFF-(ON) SWIT-9 = ON-ON-ON SWIT-10 = ON-ON-(ON) SWIT-11 = (ON)-ON-(ON) SWIT-12 = ON-NONE-ON SWIT-13 = ON-NONE-(ON) SWIT-14 = ON-ON-NONE SWIT-15 = (ON)-ON-NONE SWIT-16 = ON-(ON)-NONE SWIT-17 = ON-OFF-NONE SWIT-18 = (ON)-OFF-NONE SWIT-19 = ON-(OFF)-NONE SWIT-20 = OFF-ON-NONE SWIT-21 = (OFF)-ON-NONE SWIT-22 = OFF-(ON)-NONE SWIT-23 = ON-NONE-OFF SWIT-24 = ON-NONE-(OFF) SWIT-25 = (ON)-NONE-OFF SP = Sonderausführung



## TECHNICAL SHEET



MAT-H . . . . . Material des Gehäuses:

*MET* = Metall

*METPL* = Metallplastik

*PL* = Kunststoff

MAT-ACTU . . . . . Material des Aktuators:

*MET* = Metall

*METPL* = Metallplastik

*PL* = Kunststoff

IP . . . . . IP-Wert/Schutz

CAP-PR . . . . . Kappe vorhanden (ja/nein)

SYM-PR . . . . . Symbol vorhanden (ja/nein)

LHT-PR . . . . . Licht vorhanden:

*NO* = Nein

*YES* = Ja

*OP* = Optional

LET . . . . . Beschriftung: Text und/oder Ziffern auf dem Kippschalter

# TOGGLE SWITCHES



TOGGLE SWITCHES

N° of connections: 1							
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	6,35	on-off-on	single-pole	Wire with connector	125 V 250 V	3	<a href="#">146TA2628</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	single-pole	Wire with connector	125 V 250 V	15	<a href="#">165TA7559</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-on	single-pole	Wire with connector	125 V 250 V	12	<a href="#">126TA5396</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	double-pole	Wire with connector	250 V	40	<a href="#">146TA3463</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	single-pole	Wire with connector	125 V 250 V	3	<a href="#">165TA7581</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	22	Special	Special	Wire with connector	12 V 24 V	15	<a href="#">147TA1144</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
		(on)-off-(on)	Special	Connector	12 V 24 V	15	<a href="#">146TA8082</a>






N° of connections: 2							
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	off-(on)-none	single-pole	Blade 6,3 mm	125 V 250 V	12	<a href="#">126TA5391</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	off-(on)-none	single-pole	Screw step	125 V 250 V	10	<a href="#">123TA7603</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	double-pole	Wire with connector Wire with pin	125 V 250 V	12	<a href="#">146TA8107</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	single-pole	Blade 6,3 mm	125 V 250 V	10	<a href="#">165TA7551</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	single-pole	Blade 6,3 mm	125 V 250 V	15	<a href="#">126TA5394</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	single-pole	Blade 6,3 mm	125 V 277 V	15	<a href="#">165TA7548</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	single-pole	Blade 6,3 mm	250 V	15	<a href="#">146TA8487</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	single-pole	Screw	250 V	10	<a href="#">147TA1496</a>



N° of connections: 2							
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	single-pole	Screw step	125 V 250 V	12	<a href="#">146TA6091</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off	1-pole	Blade 6,3 mm			<a href="#">165TA7579</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off	1-pole	Wire with connector Wire with pin	125 V	6	<a href="#">146TA5478</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off	single-pole	Screw step	125 V 250 V	10	<a href="#">165TA7568</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-none	single-pole	Blade 6,3 mm	125 V 250 V	6	<a href="#">146TA9890</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-none	single-pole	Blade 6,3 mm	125 V 250 V	10	<a href="#">165TA7554</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-none	single-pole	Blade 6,3 mm	125 V 250 V	12	<a href="#">165TA7586</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-none	single-pole	Blade 6,3 mm	125 V 277 V	15	<a href="#">165TA7543</a>



**N° of connections: 2**

	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	on-off-none	single-pole	Screw	250 V	10	<a href="#">165TA7553</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	22	off-(on)-none	single-pole	Blade 6,3 mm	125 V 250 V	10	<a href="#">126TA5395</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
		on-none-off	single-pole	Blade 6,3 mm	125 V 250 V	10	<a href="#">165TA7555</a>

# TOGGLE SWITCHES



TOGGLE SWITCHES

N° of connections: 3							
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	6,35	(on)-off-(on)	single-pole	Solder connection	10 V 30 V	4	<a href="#">165TA7556</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	6,35	on-none-on	single-pole	Solder connection	10 V 30 V	4	<a href="#">165TA7575</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	6,35	on-off-on	single-pole	Solder connection	125 V 250 V	3	<a href="#">165TA7580</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	(on)-off-(on)	double-pole	Blade 6,3 mm	125 V 250 V	10	<a href="#">165TA7540</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	12 V 24 V	10	<a href="#">165TA7584</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	28 V 250 V	12	<a href="#">165TA7585</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	125 V 250 V	6	<a href="#">145TA1939</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	125 V 250 V	6	<a href="#">138TA7104</a>



**N° of connections: 3**

	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	125 V 250 V	12	<a href="#">126TA5385</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	125 V 250 V	12	<a href="#">126TA4743</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	250 V 250 V	15	<a href="#">146TA9182</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	250 V 250 V	15	<a href="#">165TA7558</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	250 V	15	<a href="#">165TA7558</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	(on)-off-(on)	single-pole	Screw blade	125 V 250 V	12	<a href="#">165TA7566</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	(on)-off-(on)	single-pole	Screw step	125 V 250 V	10	<a href="#">165TA7587</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	(on)-off-(on)	single-pole	Screw step	125 V 250 V	10	<a href="#">165TA7588</a>

# TOGGLE SWITCHES



TOGGLE SWITCHES

N° of connections: 3							
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	(on)-off-(on)	single-pole	Screw step	125 V 250 V	12	<a href="#">165TA7578</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	(on)-off-(on)	single-pole	Screw step	125 V 277 V	10	<a href="#">128TA3040</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	(on)-off-(on)	single-pole	Solder connection	125 V 250 V	6	<a href="#">165TA7567</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-(on)	single-pole	Blade 6,3 mm	125 V 250 V	10	<a href="#">165TA7582</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-(on)	single-pole	Solder connection	125 V 250 V	6	<a href="#">165TA7565</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-on	double-pole	Wire	120 V 250 V	2	<a href="#">128TA3041</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-on	single-pole	Blade 6,3 mm	12 V		<a href="#">165TA7573</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-on	single-pole	Blade 6,3 mm	125 V 250 V	12	<a href="#">126TA4745</a>



**N° of connections: 3**

	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-on	single-pole	Blade 6,3 mm	125 V 277 V	15	<a href="#">165TA7563</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-on	single-pole	Blade 6,3 mm	250 V	15	<a href="#">146TA9093</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-on	single-pole	Screw step	125 V 250 V	12	<a href="#">146TA1783</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-on	single-pole	Solder connection	125 V 250 V	6	<a href="#">165TA7570</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-(on)	single-pole	Screw step	125 V	10	<a href="#">123TA7606</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	1-pole	Blade 6,3 mm	250 V	12	<a href="#">165TA7576</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	single-pole	Blade 6,3 mm	125 V 250 V	10	<a href="#">146TA9110</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	single-pole	Blade 6,3 mm	125 V 250 V	12	<a href="#">165TA7539</a>

# TOGGLE SWITCHES



TOGGLE SWITCHES

N° of connections: 3

	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	single-pole	Blade 6,3 mm	125 V 250 V	15	<a href="#">165TA7571</a>
	12	on-off-on	single-pole	Blade 6,3 mm	250 V	10	<a href="#">165TA7549</a>
	12	on-off-on	single-pole	Blade 6,3 mm	250 V	10	<a href="#">146TA7050</a>
	12	on-off-on	single-pole	Blade 6,3 mm	250 V	10	<a href="#">165TA7577</a>
	12	on-off-on	single-pole	Screw	125 V 250 V	6	<a href="#">165TA7564</a>
	12	on-off-on	single-pole	Screw	250 V	10	<a href="#">165TA7537</a>
	12	on-off-on	single-pole	Screw	250 V	15	<a href="#">165TA7541</a>





N° of connections: 3

	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	single-pole	Screw	250 V	15	<a href="#">146TA9188</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	single-pole	Screw step	125 V 250 V	12	<a href="#">165TA7574</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	single-pole	Screw step	250 V	15	<a href="#">165TA7557</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	single-pole	Solder connection	125 V 250 V	6	<a href="#">147TA2523</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	single-pole	Solder connection	125 V 250 V	6	<a href="#">165TA7561</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	22	on-none-(on)	single-pole	Screw step	125 V 277 V	10	<a href="#">123TA7602</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
		(on)-off-(on)	single-pole	Blade 6,3 mm	24 V	15	<a href="#">146TA6848</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
		(on)-off-(on)	single-pole	Blade 6,3 mm	28 V	4	<a href="#">165TA7535</a>



N° of connections: 3

	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
		on-none-on	single-pole	Blade 6,3 mm	24 V	4	<a href="#">165TA7546</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
		on-off-on	single-pole	Blade 6,3 mm	125 V 250 V	10,1	<a href="#">165TA7552</a>




N° of connections: 4

	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	on-none-(off)	double-pole	Screw step	125 V 250 V	10	<a href="#">146TA9933</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	on-none-off	double-pole	Screw	125 V 250 V	12	<a href="#">165TA7560</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	on-none-off	double-pole	Screw step	125 V 250 V	15	<a href="#">165TA7583</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	on-off	2-pole	Blade 6,3 mm	250 V	15	<a href="#">165TA7547</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	on-off-none	double-pole	Screw	120 V 250 V	20	<a href="#">146TA8113</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	22	on-off-on	2-pole	Screw	125 V 250 V	10	<a href="#">144TA6878</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
		on-none-off	2-pole	Blade 4,8 mm	125 V 250 V	6	<a href="#">165TA7545</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
		on-none-on	single-pole	Blade 6,3 mm	24 V	15	<a href="#">165TA7562</a>





N° of connections: 4

	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
			2-pole	Blade 6,3 mm	125 V 250 V	15	<a href="#">165TA7572</a>




N° of connections: 5

	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	22	on-off-on	single-pole	Blade 6,3 mm	12 V 24 V	15	<a href="#">165TA7569</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	22	Special	Special	Blade 6,3 mm	12 V 24 V	15	<a href="#">146TA8101</a>







N° of connections: 8

	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
		Special		Blade 4,8 mm	28 V	4	<a href="#">165TA7550</a>



N° of connections: 12

	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	(on)-off-(on)	four-pole	Screw step	125 V 277 V	10	<a href="#">123TA7617</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	on-none-on	four-pole	Blade 6,3 mm	125 V 277 V	15	<a href="#">165TA7536</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	on-off-on	four-pole	Screw step	125 V 250 V	10	<a href="#">164TA1252</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	Special	four-pole	Blade 6,3 mm	125 V 250 V	10	<a href="#">165TA7544</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	Special	four-pole	Solder connection	125 V 250 V	5	<a href="#">165TA7538</a>



## NOTES

A series of horizontal dotted lines for taking notes.



# ROCKER SWITCHES



**TECHNICAL SHEET**



TECHNICAL SHEET

## ROCKER SWITCH

Group  
**02-03-15-00**



Customer details

Type of machine: .....  
Serial n° machine: .....

Price inquiry  
Order



- QTY-CON. .... Number of connections
- TY-CON. .... Type of connection:
  - CON = connector
  - F2.8 = blade 2,8 mm
  - F4.8 = blade 4,8 mm
  - F6.3 = blade 6,3 mm
  - F9.5 = blade 9,5 mm
  - PCB = PCB pin
  - PIN = pin
  - SCR = screw
  - SO = solder connection
  - ST = stud
  - WIRE = wire
  - WC = wire with connector
  - WP = wire with pin
  - OTHER = other
- I. .... Current (A)
- U1. .... Minimum voltage (V)
- U2. .... Maximum voltage (V)
- QTY-WIRE. .... Number of wires
- QTY-PIN. .... Number of pins
- L1. .... Built-in length of the rocker switch (mm)
- W1. .... Built-in width of the rocker switch (mm)
- H1. .... Built-in height of the rocker switch (mm)
- D1. .... Built-in diameter of the rocker switch (mm)
- QTY-HO. .... Number of mounting holes
- D2. .... Diameter of the mounting holes (mm)
- C1. .... Shortest centre distance between mounting holes (mm)
- C2. .... Longest centre distance between mounting holes (mm)
- L2. .... Length of the cable (mm)
- TA1. .... Type of thread



## TECHNICAL SHEET

	TA1-SUB . . . . .	Subtype of thread
	Pm1 . . . . .	Pitch metric
	Pi1 . . . . .	Pitch inch
	RH/LH . . . . .	Right- or left-handed thread
	QTY-ACTU . . . . .	Number of actuators
	BUT-PR . . . . .	Button present (yes/no)
	MAT-BUT . . . . .	Material of the button: <i>MET = metal</i> <i>METPL = metal plastic</i> <i>PL = plastic</i>
	MAT-H . . . . .	Material of the housing: <i>MET = metal</i> <i>METPL = metal plastic</i> <i>PL = plastic</i>
	IP . . . . .	IP value, dust- and water-resistance grade
	CAP-PR . . . . .	Protection cap present (yes/no)
	SYM-PR . . . . .	Symbol present: <i>NO = no</i> <i>YES = yes</i> <i>OP = optional</i>
	COL-LENS . . . . .	Colour of the lens: <i>BLA = black</i> <i>BLU = blue</i> <i>GRE = green</i> <i>CLEAR = clear</i> <i>O = orange</i> <i>R = red</i> <i>TINTBLA = tinted black</i> <i>WHI = white</i> <i>Y = yellow</i> <i>OP = option</i> <i>OTHER = other</i>
	LHT-PR . . . . .	Light present: <i>NO = no</i> <i>YES = yes</i> <i>OP = optional</i>
	COL-LHT . . . . .	Colour of the light: <i>BLU = blue</i> <i>CLEAR = clear</i> <i>CW = cool white</i> <i>GRE = green</i> <i>O = orange</i> <i>R = red</i> <i>WW = warm white</i> <i>Y = yellow</i> <i>OTHER = other</i>
	U3 . . . . .	Voltage of the light (V)



## TECHNICAL SHEET

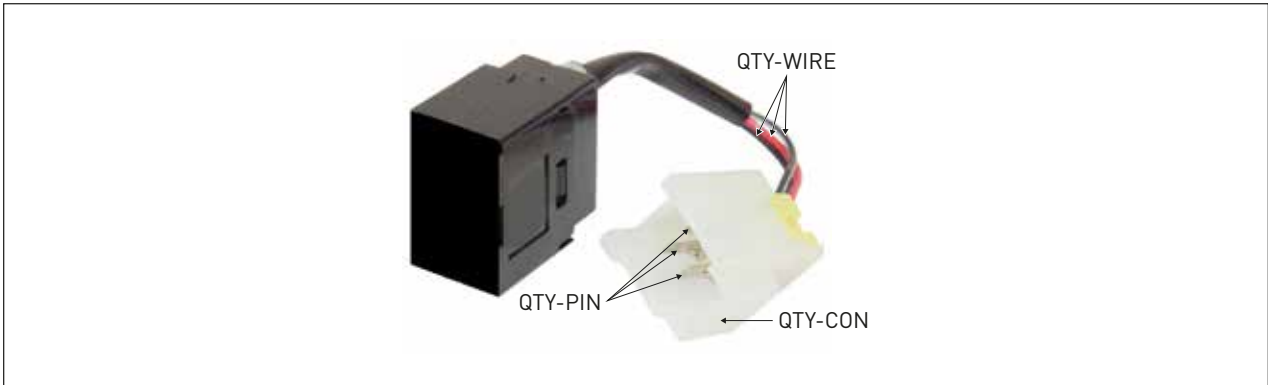


- FUN. . . . . Function:  
 ACC = accessories  
 BW = bodywork  
 COM = combination  
 DRIVE = drive  
 LHT = light  
 UNI = universal  
 OTHER = other
- SUB-FUN . . . . . Subtype of function:  
 AGRI = accessories, agricultural  
 ARR = accessories, arrows  
 FORK = accessories, forks  
 HJ = accessories, work platform  
 HYD = accessories, hydraulics  
 LOCK1 = accessories, lock  
 PTO = accessories, power take-off  
 SUP = accessories, support  
 SW = accessories, sweeper  
 TRUC = accessories, truck  
 DEFR = bodywork, defroster  
 DOOR = bodywork, door  
 ELEC = bodywork, electrics  
 HEAT = bodywork, heating  
 HORN = bodywork, horn  
 SEAT = bodywork, seat  
 WIP = bodywork, windshield wipers  
 ENGI = drive, motor  
 FUEL = bodywork, fuel  
 HB = bodywork, handbrake  
 LOCK2 = bodywork, lock  
 START = bodywork, start  
 STEER = bodywork, steering  
 TRANS = bodywork, transmission  
 FOG = light, foglight  
 LR = light, left/right direction indicator  
 LHT = light, light  
 REVO = light, revolving/strobe light  
 WARN = light, warning  
 WORK = light, worklight
- LET . . . . . Lettering: text and/or digits stated on the rocker switch
- TY-POS1 . . . . . Type of position of the first actuator
- TY-SWIT1 . . . . . Type of switch of the first actuator
- TY-POS2 . . . . . Type of position of the second actuator
- TY-SWIT2 . . . . . Type of switch of the second actuator
- QTY-POLE . . . . . Number of poles in the switch

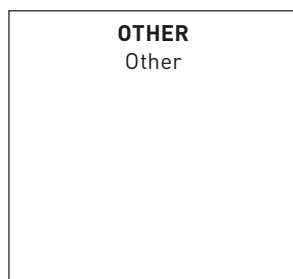
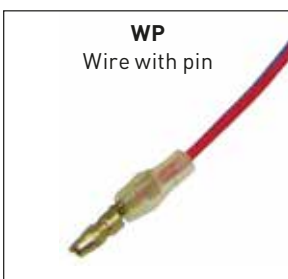
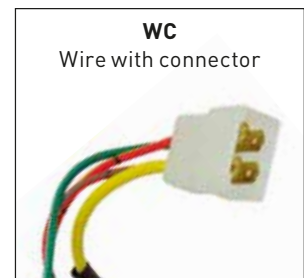
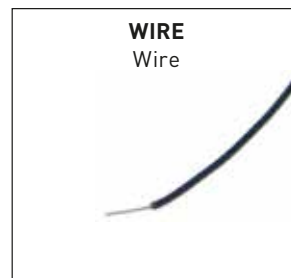
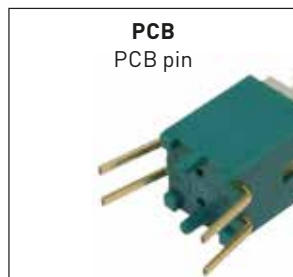


## TECHNICAL SHEET

### QTY-CON/QTY-WIRE/QTY-PIN



### TY-CON: TYPE OF CONNECTION



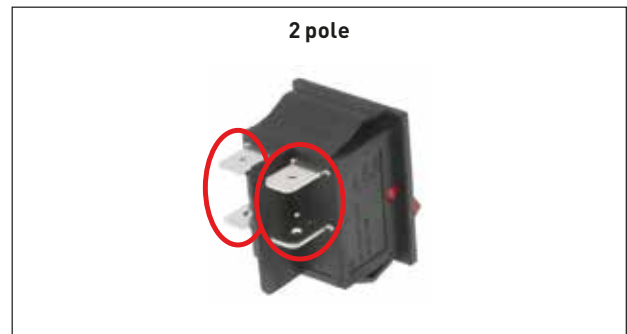
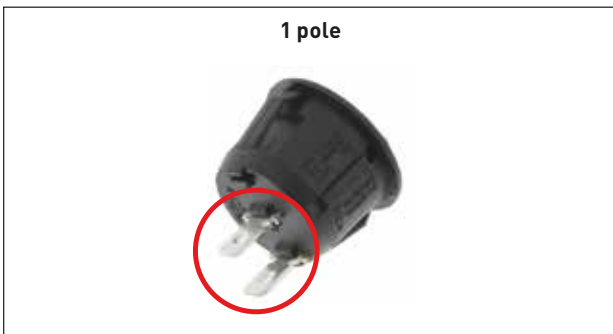


## TECHNICAL SHEET

### QTY-ACTU: NUMBER OF ACTUATORS



### QTY-POLE: NUMBER OF POLES IN THE SWITCH



### BUT-PR: BUTTON PRESENT



### CAP-PR: PROTECTION CAP PRESENT





## TECHNICAL SHEET

### SYM-PR: SYMBOL PRESENT

**YES**  
Yes



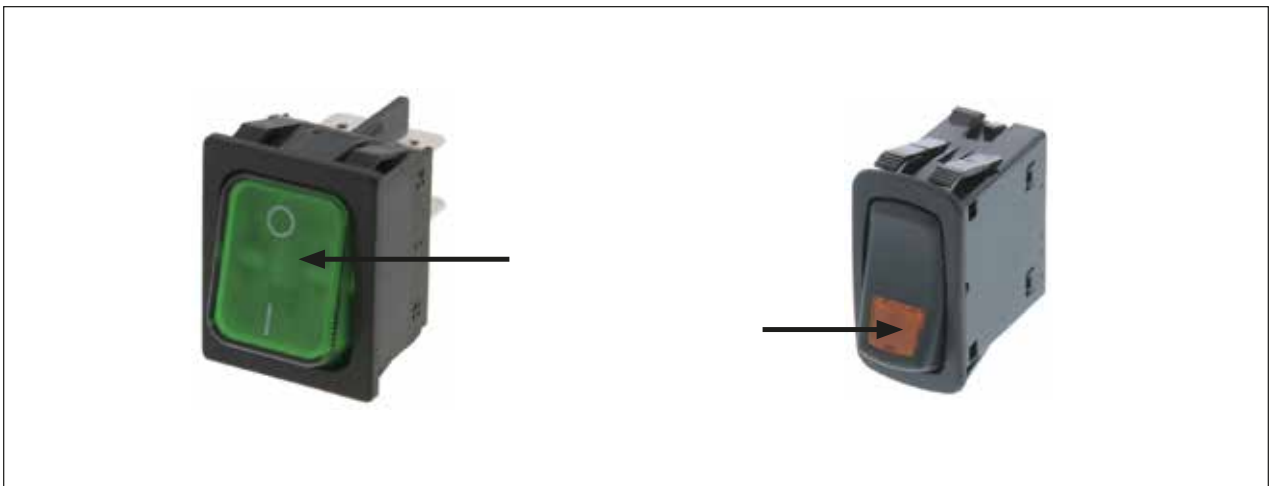
**NO**  
No



**OP**  
Optional



### COL-LENS: COLOUR OF THE LENS



### LHT-PR: LIGHT PRESENT

**YES**  
Yes



**NO**  
No





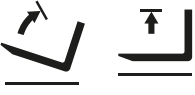






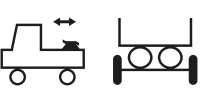
**OP**  
Optional





## TECHNICAL SHEET

### FUN/SUB-FUN

ACC	AGRI	
	ARR	
	FORK	
	HJ	
	HYD	
	LOCK1	
	PTO	
	SUP	
	SW	
	TRUC	



## TECHNICAL SHEET

### FUN/SUB-FUN

BW	DEFR	
	DOOR	
	ELEC	
	HEAT	
	HORN	
	SEAT	
	WIP	

COM	
-----	--

DRIVE	ENGI	
	FUEL	
	HB	
	LOCK2	
	START	
	STEER	
	TRANS	



## TECHNICAL SHEET

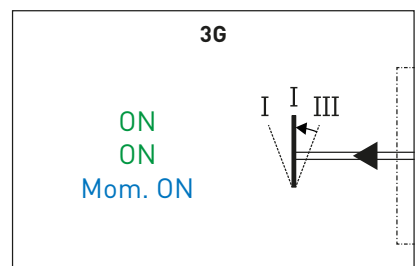
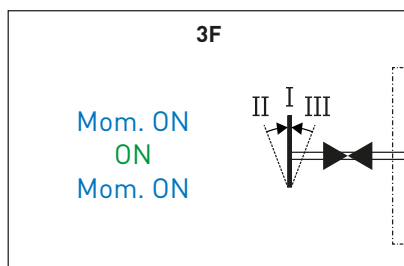
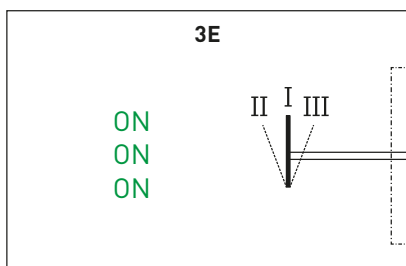
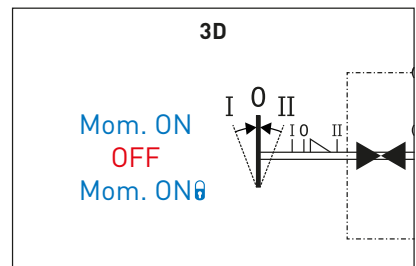
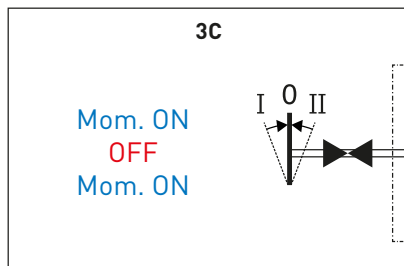
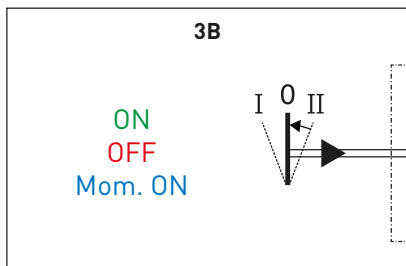
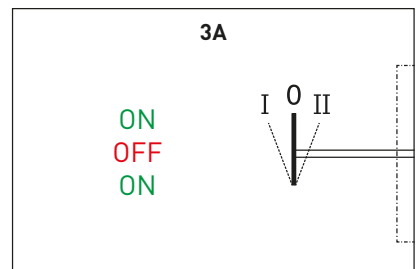
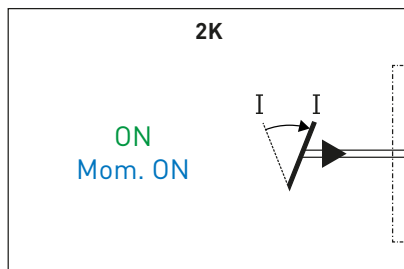
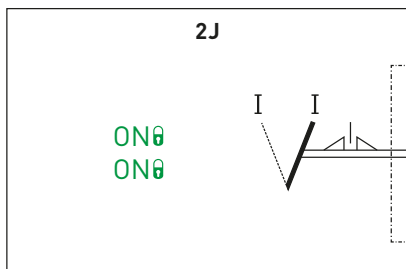
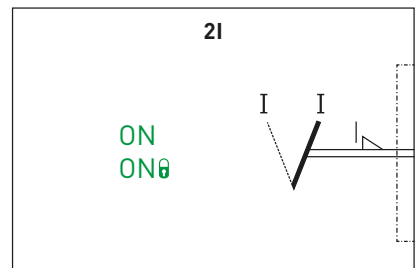
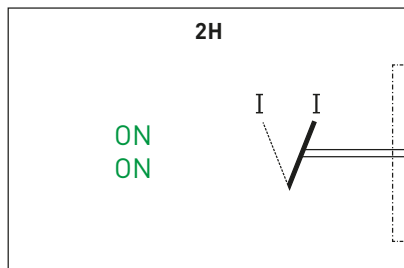
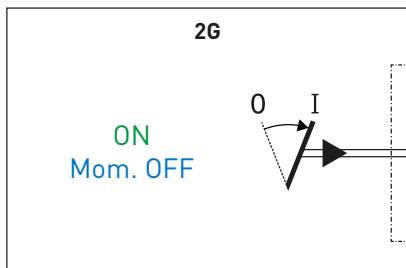
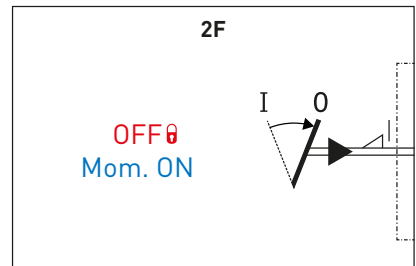
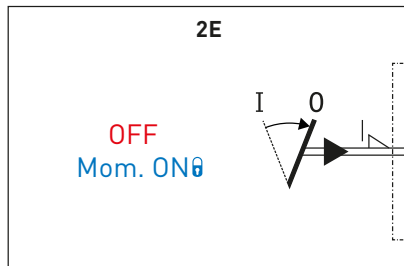
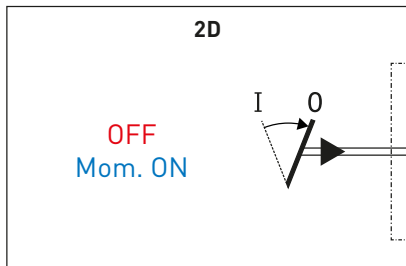
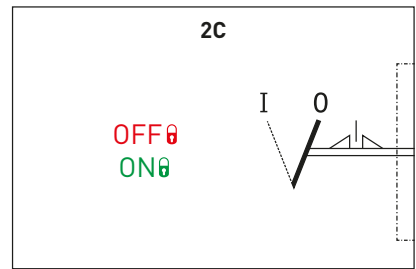
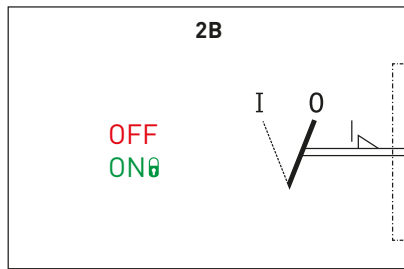
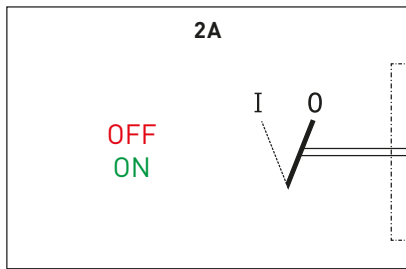
### FUN/SUB-FUN

LHT	FOG	
	LR	
	LHT	
	REVO	
	WARN	
	WORK	
UNI		
OTHER		



## TECHNICAL SHEET

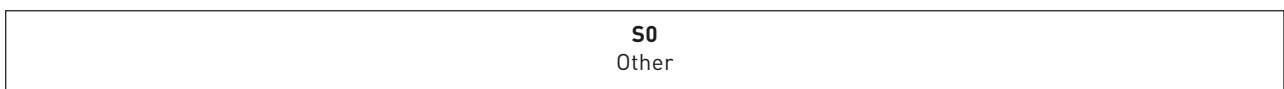
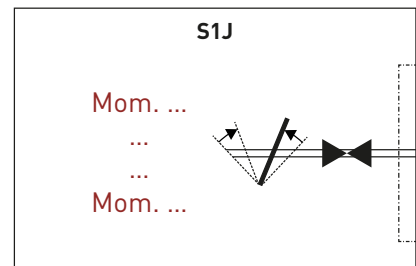
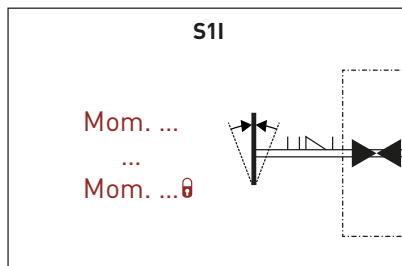
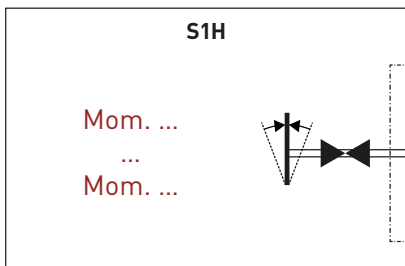
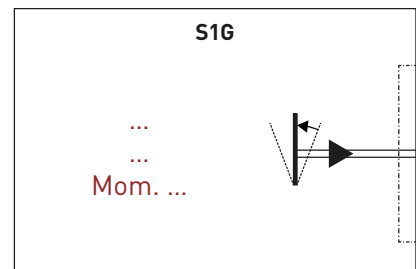
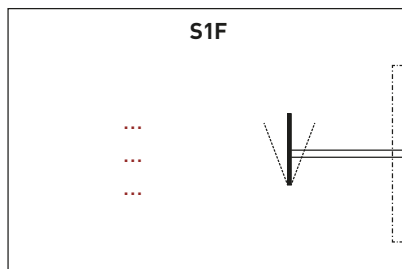
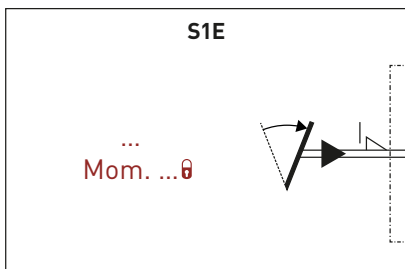
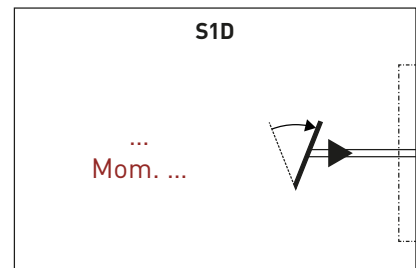
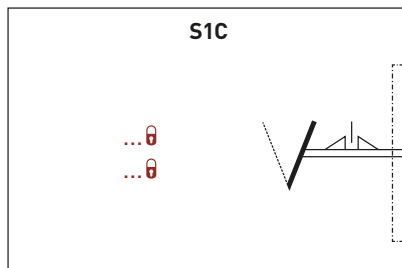
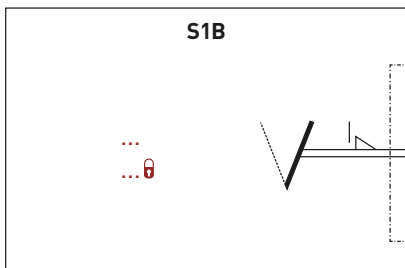
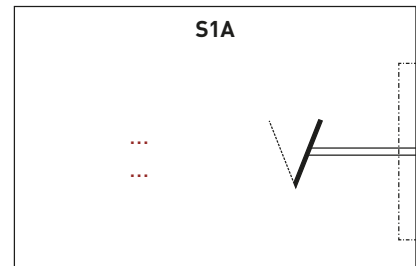
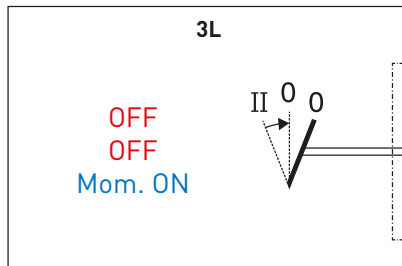
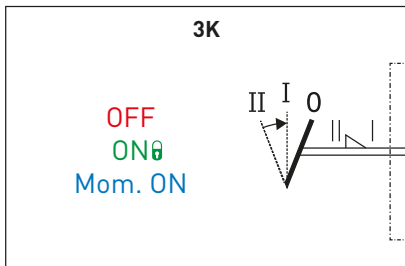
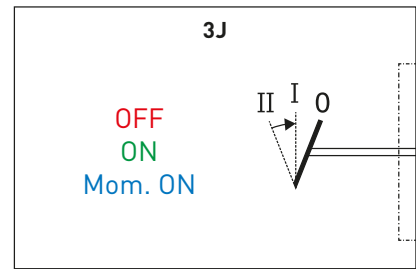
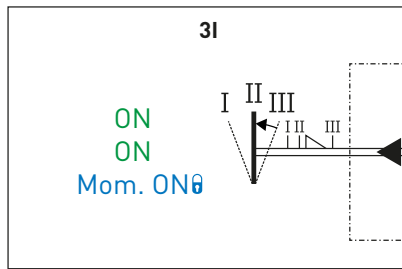
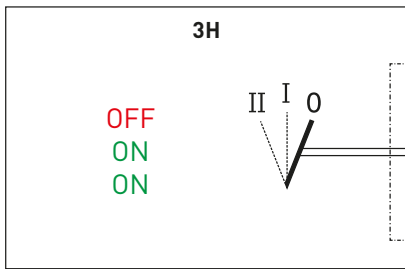
### TY-POS 1 & 2





## TECHNICAL SHEET

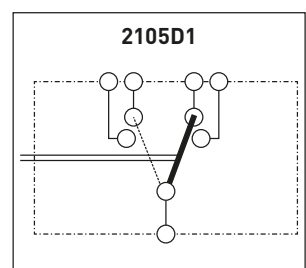
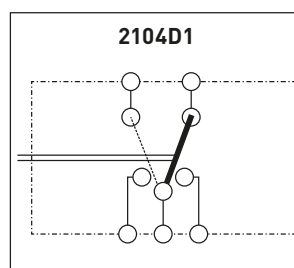
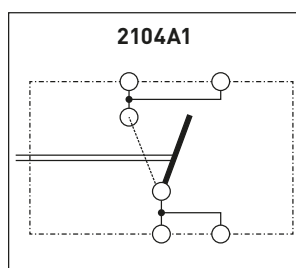
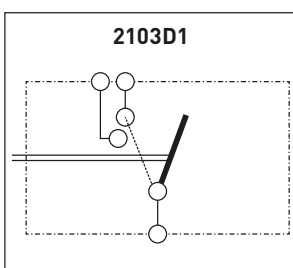
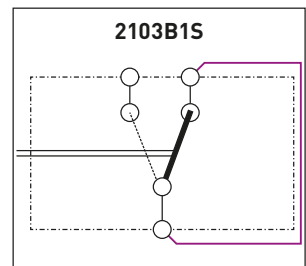
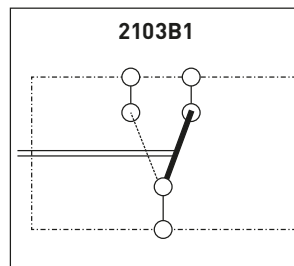
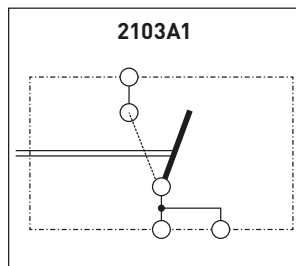
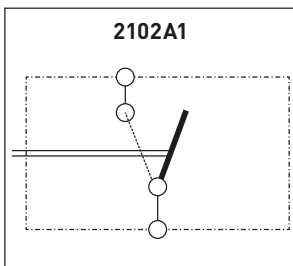
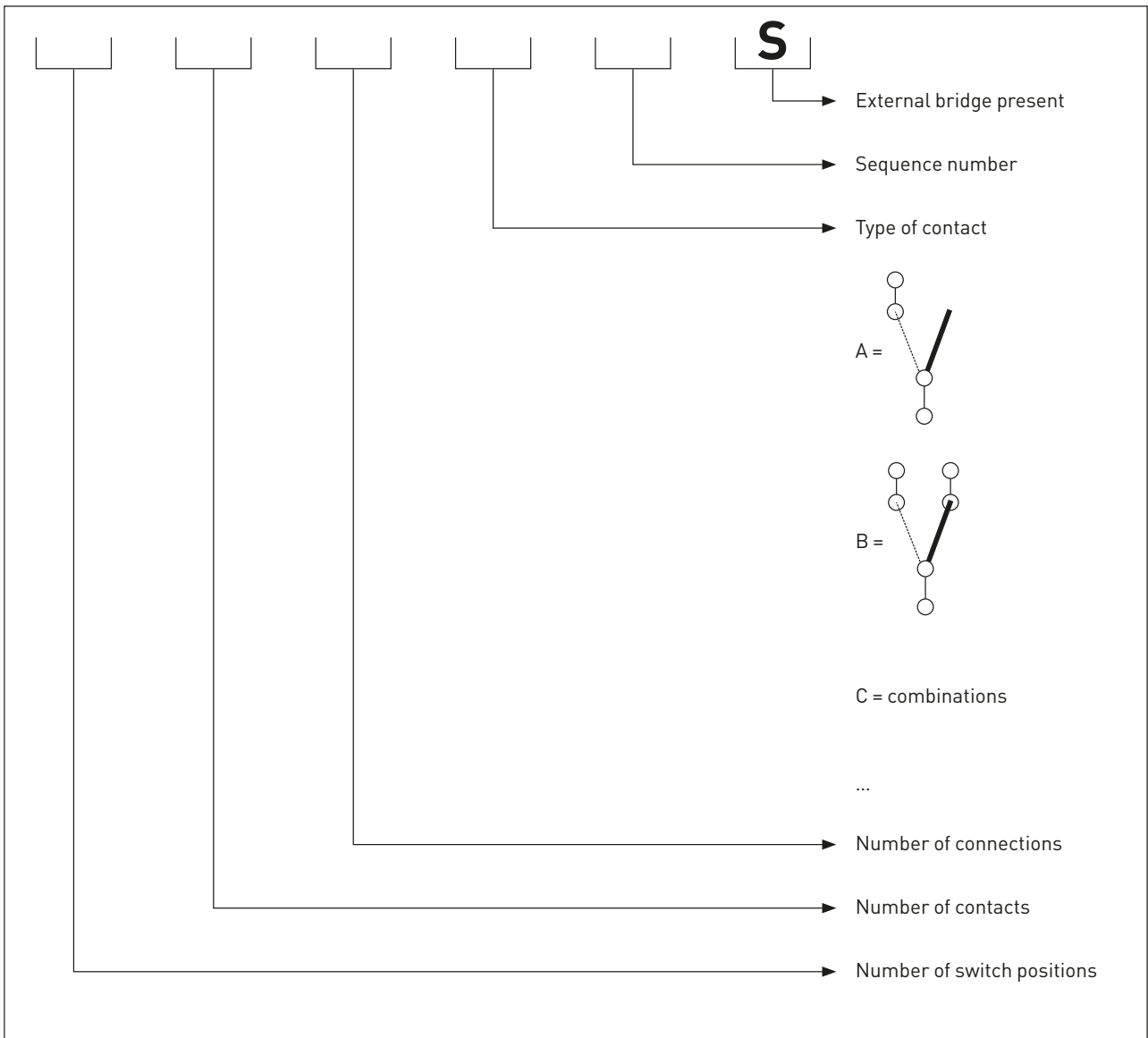
### TY-POS 1 & 2





## TECHNICAL SHEET

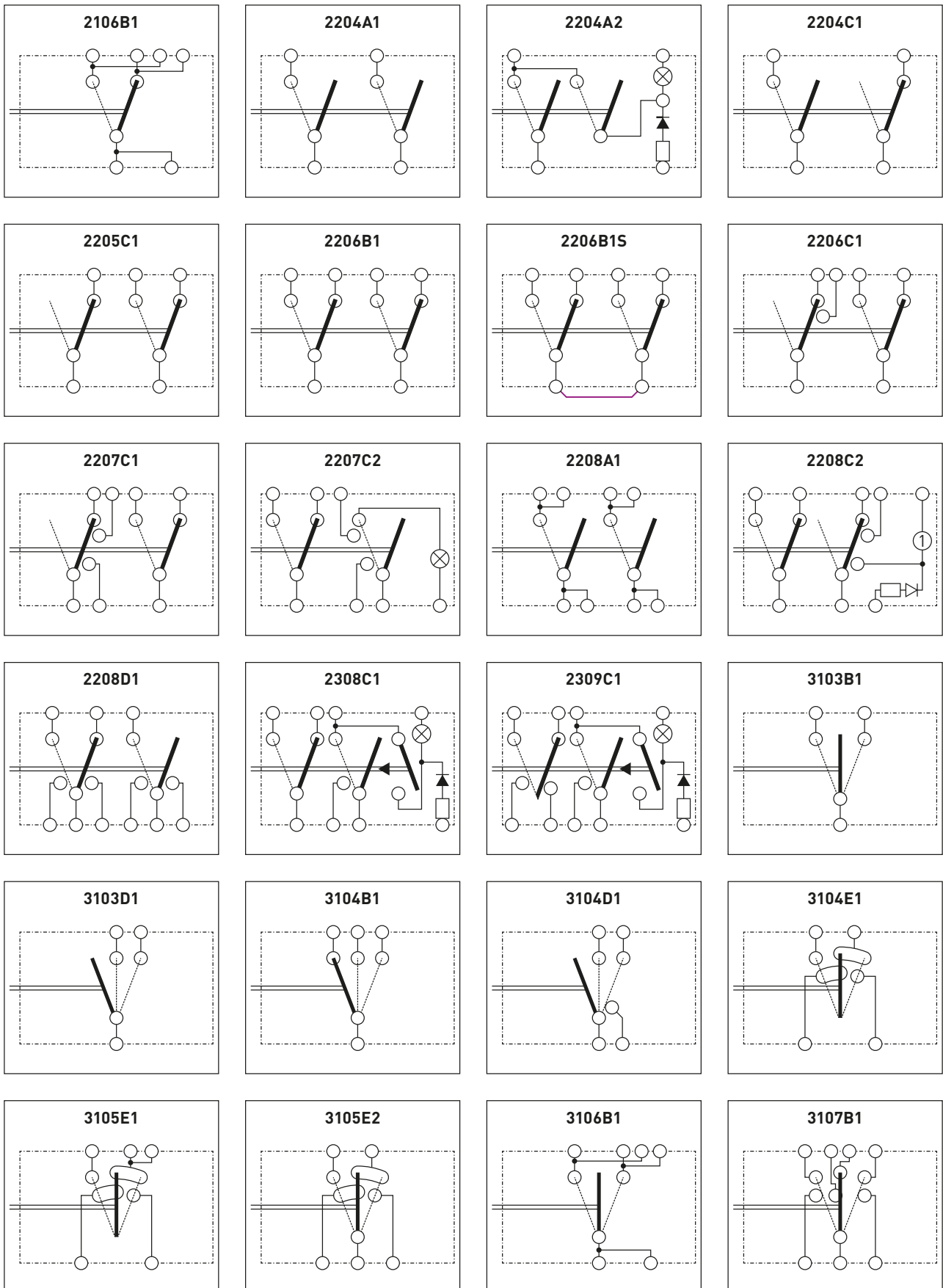
### TY-SWIT 1 & 2





## TECHNICAL SHEET

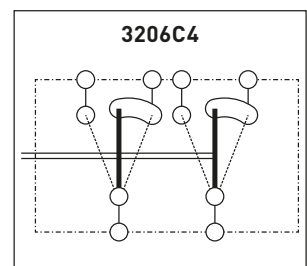
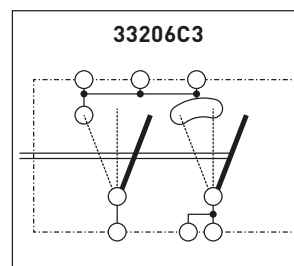
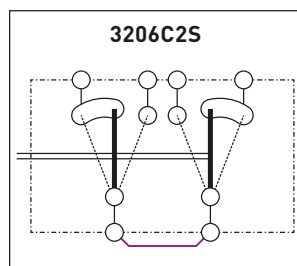
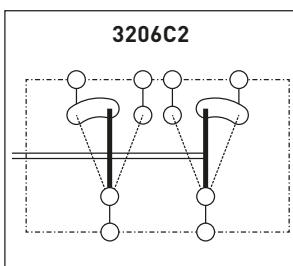
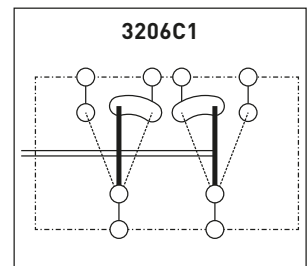
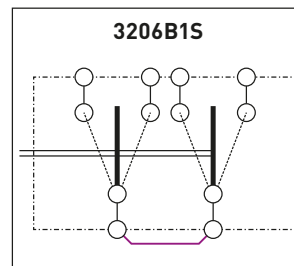
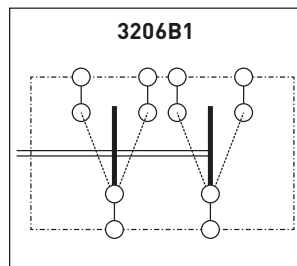
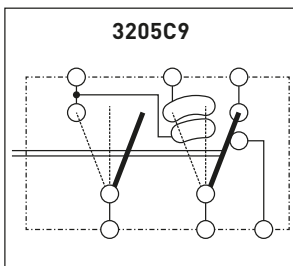
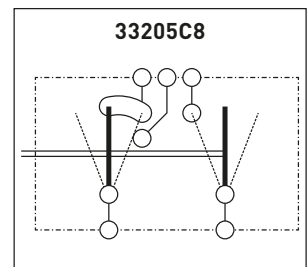
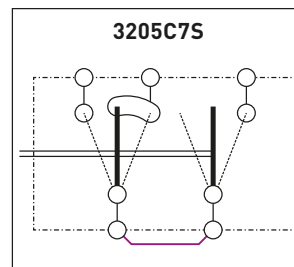
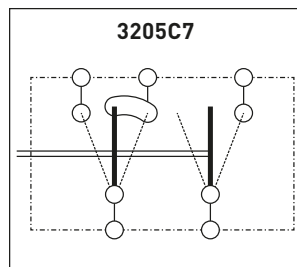
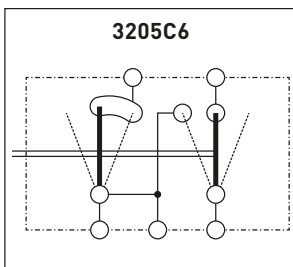
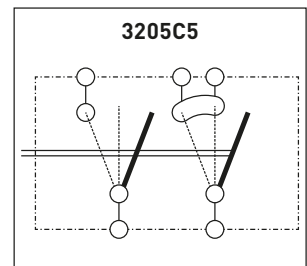
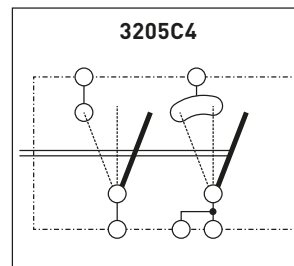
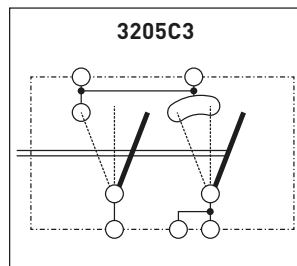
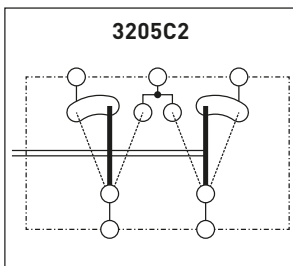
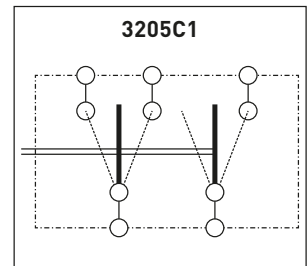
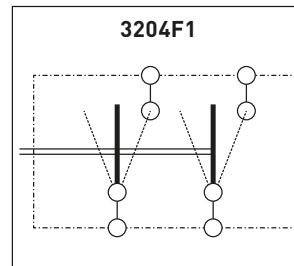
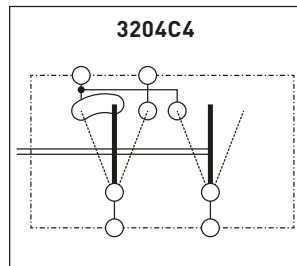
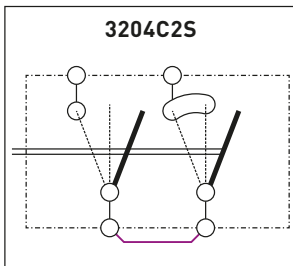
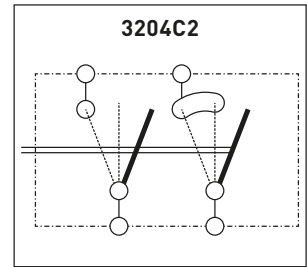
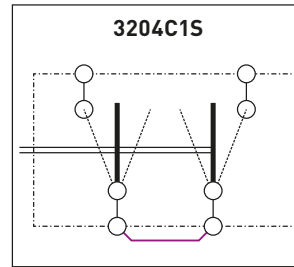
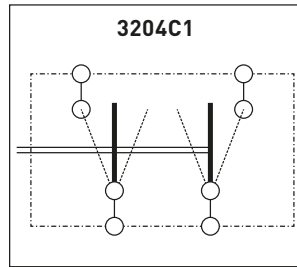
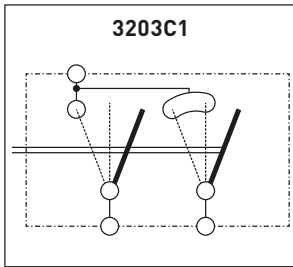
### TY-SWIT 1 & 2





## TECHNICAL SHEET

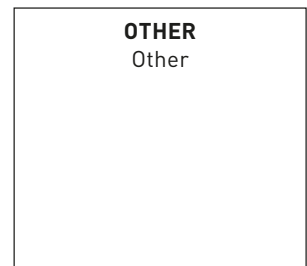
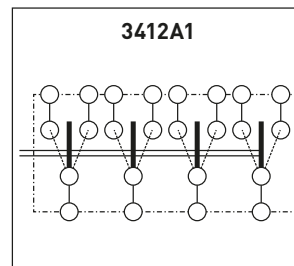
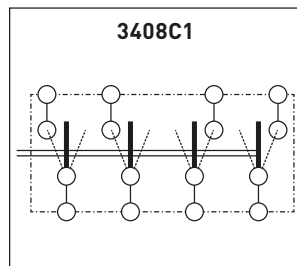
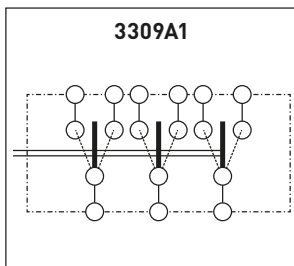
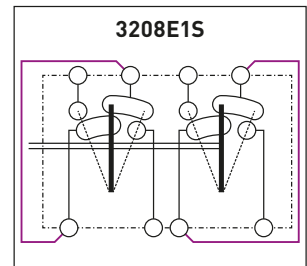
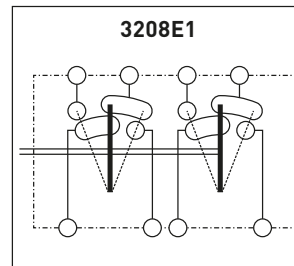
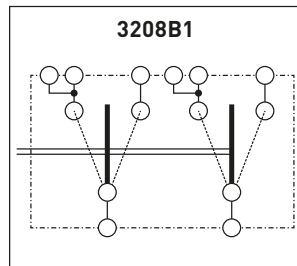
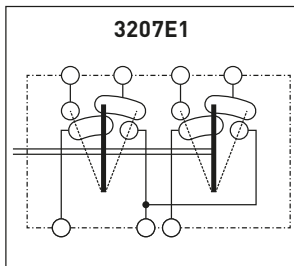
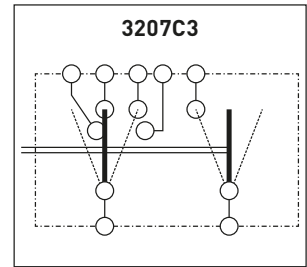
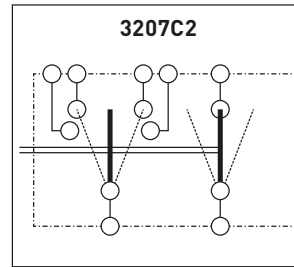
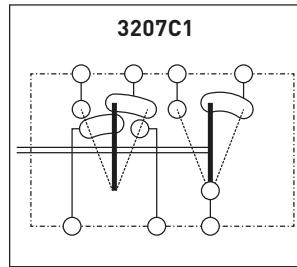
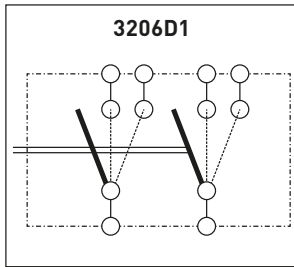
### TY-SWIT 1 & 2





## TECHNICAL SHEET

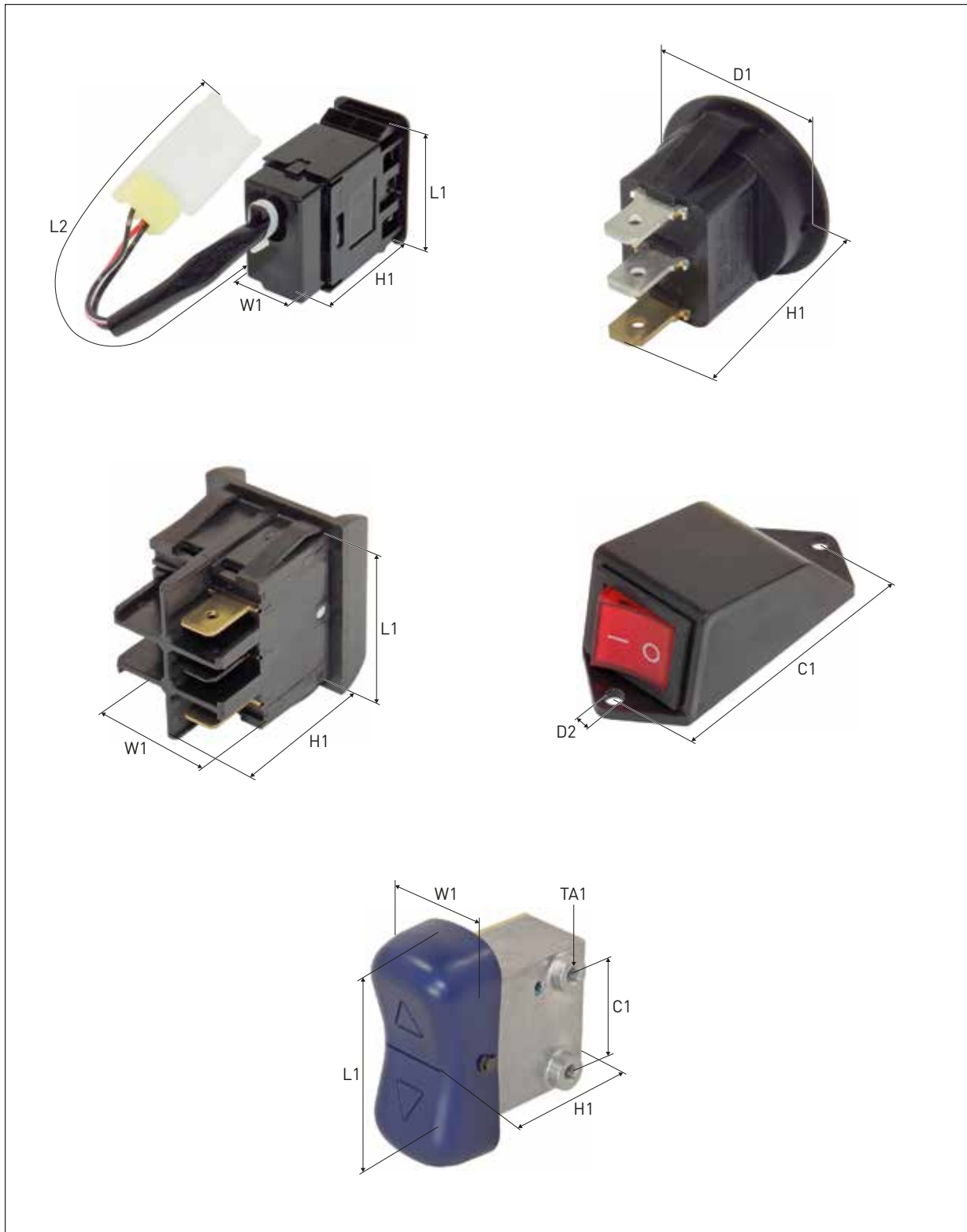
### TY-SWIT 1 & 2





## TECHNICAL SHEET

### DIMENSIONS



**TVH PARTS NV**  
 Brabantstraat 15 · 8790 Waregem · Belgium  
 T +32 56 43 42 11 · F +32 56 43 44 88 · info@tvh.com · www.tvh.com  
 BTW BE 0425 399 042 · RLP Gent – division Kortrijk 0425 399 042  
 BNP Paribas Fortis 285-0448248-40 · IBAN BE02 2850 4482 4840 · SWIFT/BIC GEBABEBB





## TECHNICAL SHEET

	TA1-SUB . . . . .	Subtype schroefdraad:
	Pm1 . . . . .	Spoed metrisch
	Pi1 . . . . .	Spoed inch
	RH/LH . . . . .	Rechtse of linkse schroefdraad
	QTY-ACTU . . . .	Aantal actuatoren
	BUT-PR . . . . .	Knop aanwezig (ja/nee)
	MAT-BUT . . . . .	Materiaal van de knop: <i>MET = metaal</i> <i>METPL = metaal plastic</i> <i>PL = plastic</i>
	MAT-H . . . . .	Materiaal van de behuizing: <i>MET = metaal</i> <i>METPL = metaal plastic</i> <i>PL = plastic</i>
	IP . . . . .	IP-waarde, stof- en waterresistentiegraad
	CAP-PR . . . . .	Beschermkap aanwezig (ja/nee)
	SYM-PR . . . . .	Symbool aanwezig: <i>NO = nee</i> <i>YES = ja</i> <i>OP = optioneel</i>
	COL-LENS . . . .	Kleur van de lens: <i>BLA = zwart</i> <i>BLU = blauw</i> <i>GRE = groen</i> <i>CLEAR = kleurloos</i> <i>O = oranje</i> <i>R = rood</i> <i>TINTBLA = zwartgetint</i> <i>WHI = wit</i> <i>Y = geel</i> <i>OP = optioneel</i> <i>OTHER = andere</i>
	LHT-PR . . . . .	Licht aanwezig: <i>NO = nee</i> <i>YES = ja</i> <i>OP = optioneel</i>
	COL-LHT . . . . .	Kleur van het licht: <i>BLU = blauw</i> <i>CLEAR = kleurloos</i> <i>CW = koel wit</i> <i>GRE = groen</i> <i>O = oranje</i> <i>R = rood</i> <i>WW = warm wit</i> <i>Y = geel</i> <i>OTHER = andere</i>
	U3 . . . . .	Spanning van het licht (V)



## TECHNICAL SHEET

FUN. . . . . Functie:

- ACC = accessoires
- BW = carrosserie
- COM = combinatie
- DRIVE = aandrijving
- LHT = licht
- UNI = universeel
- OTHER = andere

SUB-FUN . . . . . Subtype functie:

- AGRI = accessoires, agrarisch
- ARR = accessoires, pijlen
- FORK = accessoires, vorken
- HJ = accessoires, werkplatform
- HYD = accessoires, hydraulica
- LOCK1 = accessoires, slot
- PTO = accessoires, krachtafnemer
- SUP = accessoires, ondersteuning
- SW = accessoires, veegmachine
- TRUC = accessoires, truck
- DEFR = carrosserie, ontdoier
- DOOR = carrosserie, deur
- ELEC = carrosserie, elektriciteit
- HEAT = carrosserie, verwarming
- HORN = carrosserie, claxon
- SEAT = carrosserie, zetel
- WIP = carrosserie, ruitenwissers
- ENGI = aandrijving, motor
- FUEL = aandrijving, brandstof
- HB = aandrijving, handrem
- LOCK2 = aandrijving, slot
- START = aandrijving, start
- STEER = aandrijving, besturing
- TRANS = aandrijving, transmissie
- FOG = licht, mistlicht
- LR = licht, linker/rechter richtingaanwijzer
- LHT = licht, licht
- REVO = licht, zwaai- of flitslicht
- WARN = licht, waarschuwing
- WORK = licht, werklicht

LET . . . . . Letters: tekst en/of cijfers vermeld op de wipschakelaar

TY-POS1 . . . . . Type positie van de eerste actuator

TY-SWIT1 . . . . . Type schakelaar van de eerste actuator

TY-POS2 . . . . . Type positie van de tweede actuator

TY-SWIT2 . . . . . Type schakelaar van de tweede actuator

QTY-POLE . . . . . Aantal polen in de schakelaar





## TECHNICAL SHEET

	TA1-SUB . . . . .	Sous-type de filetage
	Pm1 . . . . .	Pas métrique
	Pi1 . . . . .	Pas en pouces
	RH/LH . . . . .	Filetage à droite ou à gauche
	QTY-ACTU . . . . .	Nombre d'actionneurs
	BUT-PR . . . . .	Bouton présent (oui/non)
	MAT-BUT . . . . .	Matériau du bouton : <i>MET = métal</i> <i>METPL = plastique-métal</i> <i>PL = plastique</i>
	MAT-H . . . . .	Matériau du boîtier : <i>MET = métal</i> <i>METPL = plastique-métal</i> <i>PL = plastique</i>
	IP . . . . .	Valeur IP, niveau de résistance à la poussière et à l'eau
	CAP-PR . . . . .	Capuchon de protection présent (oui/non)
	SYM-PR . . . . .	Symbole présent : <i>NO = non</i> <i>YES = oui</i> <i>OP = en option</i>
	COL-LENS . . . . .	Couleur de la lentille : <i>BLA = noir</i> <i>BLU = bleu</i> <i>GRE = vert</i> <i>CLEAR = transparent</i> <i>O = orange</i> <i>R = rouge</i> <i>TINTBLA = teinté noir</i> <i>WHI = blanc</i> <i>Y = jaune</i> <i>OP = option</i> <i>OTHER = autre</i>
	LHT-PR . . . . .	Éclairage présent : <i>NO = non</i> <i>YES = oui</i> <i>OP = en option</i>
	COL-LHT . . . . .	Couleur de l'éclairage : <i>BLU = bleu</i> <i>CLEAR = transparent</i> <i>CW = blanc froid</i> <i>GRE = vert</i> <i>O = orange</i> <i>R = rouge</i> <i>WW = blanc chaud</i> <i>Y = jaune</i> <i>OTHER = autre</i>
	U3 . . . . .	Tension de l'éclairage (V)



## TECHNICAL SHEET

FUN. . . . . Fonction :

- ACC = accessoires
- BW = carrosserie
- COM = combinaison
- DRIVE = entraînement
- LHT = éclairage
- UNI = universel
- OTHER = autre

SUB-FUN . . . . . Sous-type de fonction :

- AGRI = accessoires agriculture
- ARR = accessoires flèches
- FORK = accessoires fourches
- HJ = accessoires cage
- HYD = accessoires hydraulique
- LOCK1 = accessoires verrouillage
- PTO = accessoires prise de force
- SUP = accessoires support
- SW = accessoires balayeuse
- TRUC = accessoires camion
- DEFR = carrosserie dégivreur
- DOOR = carrosserie porte
- ELEC = carrosserie électricité
- HEAT = carrosserie chauffage
- HORN = carrosserie klaxon
- SEAT = carrosserie siège
- WIP = carrosserie essuie-glace
- ENGI = entraînement moteur
- FUEL = entraînement carburant
- HB = entraînement frein à main
- LOCK2 = entraînement verrouillage
- START = entraînement démarrage
- STEER = entraînement direction
- TRANS = entraînement transmission
- FOG = éclairage feu antibrouillard
- LR = éclairage feu clignotant gauche/droite
- LHT = éclairage feu
- REVO = éclairage gyrophare / feu à éclats
- WARN = éclairage avertissement
- WORK = éclairage phare de travail

LET . . . . . Lettrage : texte et/ou chiffres indiqués sur l'interrupteur à bascule

TY-POS1 . . . . . Type de position du premier actionneur

TY-SWIT1 . . . . . Type d'interrupteur du premier actionneur

TY-POS2 . . . . . Type de position du second actionneur

TY-SWIT2 . . . . . Type d'interrupteur du second actionneur

QTY-POLE . . . . . Nombre de pôles dans l'interrupteur





## TECHNICAL SHEET

	TA1-SUB . . . . .	Unterart des Gewindes
	Pm1 . . . . .	Steigung (metrisch)
	Pi1 . . . . .	Steigung (Zoll)
	RH/LH . . . . .	Rechtshändiges oder linkshändiges Gewinde
	QTY-ACTU . . . . .	Anzahl der Aktuatoren
	BUT-PR . . . . .	Drucktaste vorhanden (ja/nein)
	MAT-BUT . . . . .	Material der Drucktaste: <i>MET = Metall</i> <i>METPL = Metallplastik</i> <i>PL = Kunststoff</i>
	MAT-H . . . . .	Material des Gehäuses: <i>MET = Metall</i> <i>METPL = Metallplastik</i> <i>PL = Kunststoff</i>
	IP . . . . .	IP-Wert, Grad der Staub- und Wasserfestigkeit
	CAP-PR . . . . .	Schutzkappe vorhanden (ja/nein)
	SYM-PR . . . . .	Symbol vorhanden: <i>NO = Nein</i> <i>YES = Ja</i> <i>OP = Optional</i>
	COL-LENS . . . . .	Farbe der Linse: <i>BLA = Schwarz</i> <i>BLU = Blau</i> <i>GRE = Grün</i> <i>CLEAR = Hell</i> <i>O = Orange</i> <i>R = Rot</i> <i>TINTBLA = Schwarz, getönt</i> <i>WHI = Weiß</i> <i>Y = Gelb</i> <i>OP = Option</i> <i>OTHER = Sonstige</i>
	LHT-PR . . . . .	Licht vorhanden: <i>NO = Nein</i> <i>YES = Ja</i> <i>OP = Optional</i>
	COL-LHT . . . . .	Farbe des Lichtes: <i>BLU = Blau</i> <i>CLEAR = Hell</i> <i>CW = Kühles Weiß</i> <i>GRE = Grün</i> <i>O = Orange</i> <i>R = Rot</i> <i>WW = Warmes Weiß</i> <i>Y = Gelb</i> <i>OTHER = Sonstige</i>
	U3 . . . . .	Spannung des Lichtes (V)



## TECHNICAL SHEET

- FUN. . . . . Funktion:  
*ACC = Zubehör*  
*BW = Karosserie*  
*COM = Kombination*  
*DRIVE = Antrieb*  
*LHT = Licht*  
*UNI = Universell*  
*OTHER = Sonstige*
- SUB-FUN . . . . . Unterart der Funktion:  
*AGRI = Zubehör, landwirtschaftlich*  
*ARR = Zubehör, Pfeile*  
*FORK = Zubehör, Gabelzinken*  
*HJ = Zubehör, Personenkorb*  
*HYD = Zubehör, hydraulisch*  
*LOCK1 = Zubehör, Schloss*  
*PTO = Zubehör, Zapfwelle*  
*SUP = Zubehör, Unterstützung*  
*SW = Zubehör, Kehrmaschine*  
*TRUC = Zubehör, Fahrzeug*  
*DEFR = Karosserie, Entfroster*  
*DOOR = Karosserie, Tür*  
*ELEC = Karosserie, Elektrizität*  
*HEAT = Karosserie, Heizung*  
*HORN = Karosserie, Hupe*  
*SEAT = Karosserie, Fahrersitz*  
*WIP = Karosserie, Scheibenwischer*  
*ENGI = Antrieb, Motor*  
*FUEL = Antrieb, Kraftstoff*  
*HB = Antrieb, Handbremse*  
*LOCK2 = Antrieb, Schloss*  
*START = Antrieb, Start*  
*STEER = Antrieb, Lenkung*  
*TRANS = Antrieb, Getriebe*  
*FOG = Licht, Nebelscheinwerfer*  
*LR = Licht, Richtungsanzeiger links/rechts Seite*  
*LHT = Licht, Licht*  
*REVO = Licht, Rundum/Blitzleuchte*  
*WARN = Licht, Warnleuchte*  
*WORK = Licht, Arbeitsleuchte*
- LET . . . . . Beschriftung: Text und/oder Ziffern auf dem Wippschalter
- TY-POS1 . . . . . Art der Position des ersten Aktuators
- TY-SWIT1 . . . . . Art des Schalters des ersten Aktuators
- TY-POS2 . . . . . Art der Position des zweiten Aktuators
- TY-SWIT2 . . . . . Art des Schalters des zweiten Aktuators
- QTY-POLE . . . . . Anzahl der Pole im Schalter

# ROCKER SWITCHES



**N° of connections: 1**

	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	30	11	25	ON OFF ON 	12 V 24 V	Wire with connector	<a href="#">165TA5250</a>
	30,5	11	24	ON ON 	12 V	Wire with connector	<a href="#">163TA8380</a>
	34	22	15		12 V 24 V	Wire with connector	<a href="#">165TA5146</a>
	35	21	48	ON OFF ON 		Connector With light	<a href="#">165TA5183</a>
	35	21	48,5	ON OFF ON 	12 V 24 V	Wire with connector	<a href="#">146TA3223</a>
	35	21	48,5	ON OFF ON 	12 V 24 V	Wire with connector	<a href="#">146TA3221</a>
	35	21,5	50	OFF ON 	12 V	Connector With light	<a href="#">165TA5181</a>
	37	21	47	Mom. ON OFF Mom. ON 	48 V	Connector	<a href="#">146TA4146</a>

# ROCKER SWITCHES



ROCKER SWITCHES

N° of connections: 1								
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF	
	37	21	49	ON ON 	12 V 24 V	Connector	<a href="#">165TA5306</a>	
	37	21	49,5	ON ON 	12 V	Connector With light	<a href="#">146TA8209</a>	
	37	21	49,5	ON ON 	12 V	Connector With light	<a href="#">146TA8988</a>	
	37	21	49,5	ON ON 	24 V	Connector With light	<a href="#">165TA5327</a>	
	37	21	49,5	ON ON ON 	12 V	Connector With light	<a href="#">165TA5430</a>	
	37	21	49,5	ON ON ON 	12 V	Connector With light	<a href="#">147TA1844</a>	
	37	22	32,5	... 	12 V	Connector With light	<a href="#">165TA5339</a>	
	43	20	37	Mom. ... 	12 V 24 V	Connector	<a href="#">165TA5259</a>	

# ROCKER SWITCHES



**N° of connections: 1**

	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	43	24	30	ON OFF ON 	12 V 24 V	Wire with connector	<a href="#">146TA2222</a>
	43	24	30	ON OFF ON 	12 V 24 V	Wire with connector	<a href="#">146TA3624</a>
	44	22	4,5	OFF ON 	12 V 24 V	Connector Light optional	<a href="#">146TA2349</a>
	44	22	29,5	ON OFF ON 	12 V 24 V	Connector	<a href="#">146TA8085</a>
	44	22	39	OFF Mom. ON 		Connector Light optional	<a href="#">146TA6430</a>
	44	22	44	OFF ON 	12 V 24 V	Connector Light optional	<a href="#">146TA6906</a>
	44	22	44	OFF ON 	12 V 24 V	Connector Light optional	<a href="#">165TA5269</a>
	44	22	44	OFF Mom. ON	12 V 24 V	Connector Light optional	<a href="#">165TA5159</a>

# ROCKER SWITCHES



ROCKER SWITCHES

N° of connections: 1							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	44	22	44	ON ON 	12 V 24 V	Connector Light optional	<a href="#">165TA5264</a>
	44	22	44	ON Mom. ON 	12 V 24 V	Connector Light optional	<a href="#">165TA5365</a>
	44	22	44	Mom. ON OFF Mom. ON 	12 V 24 V	Connector Light optional	<a href="#">165TA5164</a>
	44	22	44	Mom. ON OFF Mom. ON 	12 V 24 V	Connector Light optional	<a href="#">165TA5123</a>
	44	22	44	ON ON ON 	12 V 24 V	Connector Light optional	<a href="#">165TA5160</a>
	44	22	44	OFF ON ON 	12 V 24 V	Connector Light optional	<a href="#">165TA5364</a>
	44	22	44	ON ON 	12 V 24 V	Connector Light optional	<a href="#">165TA5158</a>
	44	22	44	ON OFF Mom. ON 	12 V 24 V	Connector Light optional	<a href="#">165TA5163</a>

# ROCKER SWITCHES



N° of connections: 1							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	44	22	44	Mom. ON OFF Mom. ON 	12 V 24 V	Connector Light optional	<a href="#">165TA5434</a>
	44	22	44	ON ON Mom. ON 		Connector Light optional	<a href="#">165TA5354</a>
	44	22	44	OFF ON ON 		Connector Light optional	<a href="#">165TA5437</a>
	44	22	47	ON ON ON 	12 V 24 V	Connector Light optional	<a href="#">165TA5203</a>
	45,5	24,5	47	OFF ON 		Wire with connector With light	<a href="#">146TA2933</a>
	46	25	55	ON OFF ON 	12 V 24 V	Connector	<a href="#">146TA3216</a>
	46	25	47	OFF ON 	12 V	Wire with connector With light	<a href="#">165TA5176</a>
	49	34,5	39	... ... 	12 V 24 V	Connector	<a href="#">165TA5147</a>

# ROCKER SWITCHES



ROCKER SWITCHES

N° of connections: 1							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	50	32	32	ON ON ON 	12 V 24 V	Wire with connector	<a href="#">146TA5494</a>
	66	32	35	Mom. ON OFF Mom. ON 	12 V 24 V	Wire with connector	<a href="#">146TA4762</a>
	159,5	35	40	OFF Mom. ON 	12 V 24 V	Wire with connector , Type of position of the second actuator: 3F	<a href="#">146TA6353</a>
	160	35	41	OFF Mom. ON 	12 V 24 V	Wire with connector , Type of position of the second actuator: 3A	<a href="#">165TA5321</a>
	160	35	41	OFF Mom. ON 	12 V 24 V	Wire with connector	<a href="#">146TA6347</a>
				Mom. ... ... Mom. ... 	12 V 24 V	Wire with connector	<a href="#">146TA4825</a>

# ROCKER SWITCHES



N° of connections: 2							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	25,5	11	26		250 V	Blade 6,3 mm	<a href="#">165TA5555</a>
	27	11,5	25,5		12 V 24 V	Blade 6,3 mm	<a href="#">165TA5127</a>
	27	12	36		125 V 250 V	Blade 6,3 mm	<a href="#">146TA2000</a>
	32,5	14	16		12 V 24 V	Wire with connector	<a href="#">146TA5538</a>
	37	21	37,5		28 V	Blade 6,3 mm	<a href="#">146TA7386</a>
	37	21	38		12 V	Blade 6,3 mm With light	<a href="#">146TA1698</a>
	37	21	38		12 V	Blade 4,8 mm	<a href="#">146TA7387</a>
	37	21	38		24 V	Blade 6,3 mm	<a href="#">165TA5133</a>

# ROCKER SWITCHES

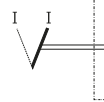




ROCKER SWITCHES

N° of connections: 2							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	37	21	39	OFF ON 	28 V	Blade 6,3 mm	<a href="#">146TA7389</a>
	37	21	39,5	OFF ON 	28 V	Blade 6,3 mm	<a href="#">165TA5369</a>
	37	21	58	OFF Mom. ON 	48 V	Wire with connector	<a href="#">165TA5219</a>
	38	21	39,5	OFF Mom. ON 	28 V	Blade 6,3 mm	<a href="#">146TA4139</a>
	44	22	47	ON ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5316</a>
	44	22	47	ON ON 	24 V	Connector Blade 6,3 mm With light	<a href="#">165TA5268</a>
	44	22	47	ON ON 	24 V	Connector Blade 6,3 mm With light	<a href="#">165TA5220</a>
	44	22	47	ON ON	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5572</a>

# ROCKER SWITCHES



N° of connections: 2							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
		44	22	47	 	12 V	Connector Blade 6,3 mm With light
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	44	22	47	 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5406</a>
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	44	22	47	 	24 V	Connector Blade 6,3 mm With light	<a href="#">165TA5356</a>
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	44	22	47	 	24 V	Connector Blade 6,3 mm With light	<a href="#">165TA5561</a>

# ROCKER SWITCHES



ROCKER SWITCHES

N° of connections: 3							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	27	12	36	ON ON 	125 V 250 V	Blade 6,3 mm	<a href="#">147TA2465</a>
	27,5	9,5	30	OFF ON 	24 V	Blade 6,3 mm With light	<a href="#">165TA5444</a>
	28	10,5	30	OFF ON 	250 V	Blade 6,3 mm	<a href="#">165TA5506</a>
	30	11	27	ON OFF ON 	125 V 250 V	Blade 6,3 mm	<a href="#">165TA5206</a>
	37	21	35	Mom. ON OFF Mom. ON 	12 V 24 V	Blade 6,3 mm	<a href="#">165TA5432</a>
	37	21	37	ON ON 	12 V	Blade 6,3 mm	<a href="#">165TA5289</a>
	37	21	37	Mom. ON OFF Mom. ON 	24 V	Blade 6,3 mm	<a href="#">165TA5132</a>
	37	21	38	Mom. ON OFF Mom. ON 	12 V	Solder connection	<a href="#">165TA5491</a>

# ROCKER SWITCHES



**N° of connections: 3**

	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	37	21	38	Mom. ON OFF Mom. ON 	24 V	Blade 6,3 mm	<a href="#">165TA5515</a>
	37	21	39	Mom. ON OFF Mom. ON 	12 V	Blade 6,3 mm	<a href="#">165TA5421</a>
	37	21	39,5	OFF ON 	12 V	Blade 6,3 mm With light	<a href="#">165TA5395</a>
	37	21	39,5	Mom. ON OFF Mom. ON 	125 V 250 V	Blade 6,3 mm	<a href="#">165TA5446</a>
	37	21	40	Mom. ON OFF Mom. ON 	125 V 250 V	Blade 6,3 mm	<a href="#">165TA5445</a>
	43	22	47	Mom. ON OFF Mom. ON 	12 V 125 V	Blade 6,3 mm	<a href="#">165TA5345</a>
	44	22	44	OFF Mom. ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5571</a>
	44	22	44	OFF ON ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5315</a>

# ROCKER SWITCHES



ROCKER SWITCHES

N° of connections: 3							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	44	22	47	OFF ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">146TA8552</a>
	44	22	47	OFF ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5350</a>
	44	22	47	OFF ON 	24 V	Connector Blade 6,3 mm With light	<a href="#">165TA5178</a>
	44	22	47	OFF ON Mom. ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5331</a>
	44	22	47	ON ON 	24 V	Connector Blade 6,3 mm With light	<a href="#">165TA5256</a>
	44	22	47	Mom. ON OFF Mom. ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5246</a>
	44	22	47	ON ON ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5319</a>
	44	22	47	ON ON Mom. ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5549</a>

# ROCKER SWITCHES



N° of connections: 3							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	44	22	47		12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5122</a>
	44	22	47		12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5433</a>
	44	22	50		12 V 24 V	Blade 6,3 mm	<a href="#">165TA5407</a>
	44	22	44		12 V	Connector Blade 6,3 mm With light	<a href="#">146TA1696</a>
	44	22	47		12 V	Connector Blade 6,3 mm With light	<a href="#">146TA2287</a>
	44	22	47		12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5234</a>
	44	22	47		12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5360</a>
	44	22	47		12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5570</a>

# ROCKER SWITCHES



ROCKER SWITCHES

N° of connections: 3								
		Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
		44	22	47	OFF ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">146TA4457</a>
		44	22	47	OFF ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">146TA4461</a>
		44	22	47	OFF ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5568</a>
		44	22	47	OFF ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">146TA6991</a>
		44	22	47	OFF ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5317</a>
		44	22	47	OFF ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">146TA4462</a>
		44	22	47	OFF ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5255</a>
		44	22	47	OFF ON	24 V	Connector Blade 6,3 mm With light	<a href="#">147TA2281</a>

# ROCKER SWITCHES



ROCKER SWITCHES

**N° of connections: 3**

	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	44	22	47	OFF Mom. ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5217</a>
	44	22	47	OFF Mom. ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5239</a>
	44	22	47	OFF Mom. ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5307</a>
	44	22	47	OFF Mom. ON 	24 V	Connector Blade 6,3 mm With light	<a href="#">165TA5351</a>
	44	22	47	OFF Mom. ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5484</a>
	44	22	47	OFF Mom. ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5323</a>
	44	22	47	ON ON 	24 V	Connector Blade 6,3 mm With light	<a href="#">146TA2983</a>
	44	22	47	ON ON	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5363</a>

# ROCKER SWITCHES



ROCKER SWITCHES

N° of connections: 3								
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF	
	44	22	47	ON ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5248</a>	
	44	22	47	ON ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">147TA1941</a>	
	44	22	47	ON ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">147TA2315</a>	
	44	22	47	ON ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">116TA5372</a>	
	44	22	47	ON ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">147TA2384</a>	
	44	22	47	ON OFF ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5361</a>	
	44	22	47	Mom. ON OFF Mom. ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">146TA7001</a>	
	44	22	47	Mom. ON OFF Mom. ON	12 V	Connector Blade 6,3 mm With light	<a href="#">146TA4506</a>	

# ROCKER SWITCHES



N° of connections: 3							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	44	22	47	Mom. ON OFF Mom. ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5288</a>
	44	22	47	Mom. ON OFF Mom. ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5423</a>
	44	22	47	Mom. ON OFF Mom. ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">146TA4488</a>
	44	22	47	Mom. ON OFF Mom. ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5564</a>
	44	22	47	ON ON ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">146TA5090</a>
	44	22	47	ON ON ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5332</a>
	44	22	47	Mom. ON ON Mom. ON 	24 V	Connector Blade 6,3 mm With light	<a href="#">146TA6432</a>
	44	22	47	Mom. ON ON Mom. ON 	24 V	Connector Blade 6,3 mm With light	<a href="#">146TA4757</a>

# ROCKER SWITCHES



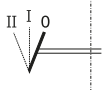





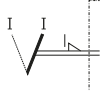


ROCKER SWITCHES

N° of connections: 3							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	44	22	47	ON ON Mom. ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">146TA4454</a>
	44	22	47	ON ON Mom. ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">146TA4455</a>
	44	22	47	OFF ON ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5197</a>
	44	22	47	OFF ON ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">146TA8065</a>
	44	22	47	OFF ON ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">146TA8074</a>
	44	22	47	OFF ON ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">165TA5353</a>
	44	22	47	OFF ON ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">146TA6983</a>

# ROCKER SWITCHES



N° of connections: 3							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	44	22	47	OFF ON ON 	24 V	Connector Blade 6,3 mm With light	<a href="#">165TA5124</a>
	44	22	47	... Mom. ... 	24 V	Connector Blade 6,3 mm With light	<a href="#">165TA5500</a>
	45	22	47	OFF ON 	24 V	Connector Blade 6,3 mm With light	<a href="#">147TA2380</a>
	44	22	47	ON ON 	12 V	Connector Blade 6,3 mm With light	<a href="#">146TA4482</a>

# ROCKER SWITCHES



ROCKER SWITCHES

N° of connections: 4								
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF	
	28	22	28	OFF ON 	250 V	Blade 6,3 mm	<a href="#">165TA5554</a>	
	30	22	26	OFF ON 	125 V 250 V	Blade 6,3 mm	<a href="#">145TA2410</a>	
	30	22	27	OFF ON 	125 V 250 V	Blade 6,3 mm	<a href="#">146TA9230</a>	
	30	22	27	ON Mom. OFF 	250 V	Blade 6,3 mm	<a href="#">147TA1467</a>	
	30	22	27,5	OFF ON 	125 V 250 V	Blade 6,3 mm	<a href="#">165TA5418</a>	
	30,5	22	30,5	OFF ON 	24 V	Blade 6,3 mm With light	<a href="#">165TA5459</a>	
	30,5	22	30,5	OFF ON 	24 V	Blade 6,3 mm With light	<a href="#">165TA5457</a>	
	36,5	21	37,5	OFF ON ON 	125 V 250 V	Blade 6,3 mm	<a href="#">165TA5150</a>	

# ROCKER SWITCHES



ROCKER SWITCHES

## N° of connections: 4

	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	37	21	36		12 V	Blade 6,3 mm With light	<a href="#">165TA5276</a>
	37	21	37		12 V	Blade 6,3 mm With light	<a href="#">165TA5543</a>
	37	21	37		12 V	Blade 6,3 mm With light	<a href="#">165TA5291</a>
	37	21	37,5		12 V	Blade 6,3 mm With light	<a href="#">146TA7744</a>
	37	21	37,5		12 V	Blade 6,3 mm With light	<a href="#">165TA5293</a>
	37	21	37,5		12 V	Blade 6,3 mm With light	<a href="#">146TA5419</a>
	37	21	38		24 V	Blade 6,3 mm With light	<a href="#">165TA5273</a>
	37	21	38		12 V	Blade 6,3 mm With light	<a href="#">165TA5292</a>

# ROCKER SWITCHES



ROCKER SWITCHES

N° of connections: 4							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	37	21	38		125 V 250 V	Blade 6,3 mm	<a href="#">165TA5174</a>
	37	21	38,5		12 V	Blade 6,3 mm With light	<a href="#">165TA5130</a>
	37	21	38,5		12 V	Blade 6,3 mm With light	<a href="#">165TA5154</a>
	37	21	44		12 V	Blade 6,3 mm With light	<a href="#">165TA5518</a>
	38	21	37,5		125 V 250 V	Blade 6,3 mm	<a href="#">146TA1726</a>
	44	22	50		12 V 24 V	Blade 6,3 mm Light optional	<a href="#">165TA5261</a>
	44	22	47		12 V	Blade 6,3 mm With light	<a href="#">165TA5125</a>
	132	61	65		110 V 600 V	Screw	<a href="#">165TA5262</a>

# ROCKER SWITCHES









N° of connections: 5							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	32,5	20	31	Mom. ON ON Mom. ON 	12 V 24 V	Blade 6,3 mm Solder connection	<a href="#">165TA5512</a>
	36	18	26	Mom. ON ON Mom. ON 	12 V 24 V	Blade 6,3 mm	<a href="#">146TA4285</a>
	36	18,5	26	Mom. ON ON Mom. ON 	12 V 24 V	Blade 4,8 mm	<a href="#">146TA6438</a>
	37	21	37	ON ON Mom. ON 	12 V	Blade 6,3 mm	<a href="#">165TA5138</a>
	37	21	37,5	ON ON 	12 V	Blade 6,3 mm With light	<a href="#">146TA7745</a>
	37	21	37,5	ON ON 	24 V	Blade 6,3 mm With light	<a href="#">165TA5462</a>
	37	21	37,5	ON ON Mom. ON 	24 V	Blade 6,3 mm	<a href="#">165TA5140</a>
	37	21	38,5	OFF ON ON 	12 V	Blade 6,3 mm With light	<a href="#">165TA5129</a>

# ROCKER SWITCHES



ROCKER SWITCHES

N° of connections: 5

		Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
 		37	21	44	 ON Mom. ON	12 V	Blade 6,3 mm With light	<a href="#">165TA5519</a>
 		44	22	44,5	 OFF Mom. ON	28 V	Blade 6,3 mm With light	<a href="#">165TA5440</a>

# ROCKER SWITCHES



N° of connections: 6							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	29	22	23,6	Mom. ON OFF Mom. ON 	250 V	Blade 4,8 mm	<a href="#">165TA5493</a>
	29	22	29,5	ON ON 	125 V 250 V	Blade 6,3 mm	<a href="#">165TA5207</a>
	29	22	29,5	ON Mom. ON 	125 V 250 V	Blade 6,3 mm	<a href="#">165TA5208</a>
	30	16	22	ON OFF ON 	120 V 250 V	Solder connection	<a href="#">165TA5477</a>
	30	22	27	Mom. ON OFF Mom. ON 	125 V 250 V	Blade 6,3 mm	<a href="#">165TA5346</a>
	30	22	29,5	Mom. ON OFF Mom. ON 	125 V 250 V	Blade 6,3 mm	<a href="#">146TA7694</a>
	37	20	37	Mom. ON ON Mom. ON 	12 V 24 V	Blade 6,3 mm	<a href="#">146TA9000</a>
	37	21	35	Mom. ON OFF Mom. ON 	24 V	Blade 6,3 mm	<a href="#">165TA5410</a>

# ROCKER SWITCHES



ROCKER SWITCHES

N° of connections: 6								
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF	
	37	21	36	OFF ON 	48 V	Blade 6,3 mm With light	<a href="#">165TA5171</a>	
	37	21	36,5	OFF ON 	80 V	Blade 6,3 mm With light	<a href="#">165TA5170</a>	
	37	21	36,5	ON OFF Mom. ON 	24 V	Blade 6,3 mm	<a href="#">165TA5193</a>	
	37	21	37	ON ON 	125 V 250 V	Blade 6,3 mm	<a href="#">165TA5371</a>	
	37	21	37	ON ON ON 	24 V	Blade 6,3 mm	<a href="#">165TA5139</a>	
	37	21	37	OFF ON ON 	12 V	Blade 6,3 mm With light	<a href="#">165TA5336</a>	
	37	21	37	OFF ON ON 	14 V	Blade 6,3 mm With light	<a href="#">165TA5392</a>	
	37	21	37	OFF ON ON 	24 V	Blade 6,3 mm With light	<a href="#">165TA5144</a>	

# ROCKER SWITCHES


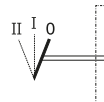





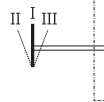


N° of connections: 6								
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF	
	37	21	37,5	OFF ON 	12 V	Blade 6,3 mm With light	<a href="#">165TA5538</a>	
	37	21	37,5	OFF ON 	12 V	Blade 6,3 mm With light	<a href="#">165TA5334</a>	
	37	21	37,5	OFF ON 	48 V	Blade 6,3 mm With light	<a href="#">165TA5274</a>	
	37	21	37,5	OFF ON ON 	12 V	Blade 6,3 mm With light	<a href="#">146TA5426</a>	
	37	21	38	Mom. ON OFF Mom. ON 	24 V	Blade 6,3 mm	<a href="#">146TA1809</a>	
	37	21	39	ON ON ON 	28 V 125 V	Blade 6,3 mm	<a href="#">165TA5401</a>	
	37	21	39,5	ON OFF ON 	12 V	Blade 6,3 mm	<a href="#">147TA1183</a>	
	37	21	40,5	ON OFF ON	12 V 24 V	Blade 6,3 mm	<a href="#">165TA5398</a>	

# ROCKER SWITCHES





ROCKER SWITCHES

N° of connections: 6							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	37	21	44	 OFF ON ON	12 V 24 V	Blade 6,3 mm Light optional	<a href="#">165TA5520</a>
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	38	21	37	 Mom. ON OFF Mom. ON	125 V 250 V	Blade 6,3 mm	<a href="#">165TA5372</a>
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	42	27	22,5	 ON ON	12 V 24 V	Pin	<a href="#">165TA5267</a>
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	132	56	58,5	 ON ON ON	125 V 250 V	Blade 6,3 mm	<a href="#">165TA5266</a>



N° of connections: 7

	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	37	21	38		24 V	Blade 6,3 mm With light	<a href="#">165TA5380</a>

# ROCKER SWITCHES



ROCKER SWITCHES

N° of connections: 8							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	36,5	19	41,5	ON ON 	12 V	Pin With light	<a href="#">134TA2823</a>
	36,5	21	39	ON Mom. ON 	6 V	Blade 6,3 mm With light	<a href="#">165TA5200</a>
	37	21	36	ON OFF ON 	24 V	Blade 6,3 mm With light	<a href="#">165TA5498</a>
	37	21	37	OFF ON ON 	12 V	Blade 6,3 mm With light	<a href="#">165TA5335</a>
	37	21	37	OFF ON ON 	12 V	Blade 6,3 mm With light	<a href="#">146TA5430</a>
	37	21	37,5	ON ON 	12 V	Blade 6,3 mm With light	<a href="#">165TA5290</a>
	37	21	37,5	ON ON 	14 V	Blade 6,3 mm With light	<a href="#">165TA5390</a>
	37	21	37,5	ON ON 	24 V	Blade 6,3 mm With light	<a href="#">165TA5469</a>

# ROCKER SWITCHES





N° of connections: 8								
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF	
	37	21	37,5		12 V	Blade 6,3 mm With light	<a href="#">165TA5297</a>	
	37	21	37,5		12 V	Blade 6,3 mm With light	<a href="#">165TA5296</a>	
	37	21	37,5		12 V	Blade 6,3 mm With light	<a href="#">165TA5294</a>	
	37	21	38		12 V	Blade 6,3 mm With light	<a href="#">165TA5295</a>	
	37	21	38,5		12 V	Blade 6,3 mm With light	<a href="#">165TA5531</a>	
	37	21	44,5		12 V 24 V	Blade 6,3 mm Light optional	<a href="#">165TA5566</a>	
	37	21	44,5		12 V	Blade 6,3 mm With light	<a href="#">165TA5552</a>	
	42	20	34,5		24 V	Blade 6,3 mm With light	<a href="#">134TA2824</a>	

# ROCKER SWITCHES






ROCKER SWITCHES

N° of connections: 8

	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	200	50	40	<p>OFF Mom. ON</p> 	12 V 24 V	Blade 6,3 mm, wire with pin, wire with connector, type of position of the second actuator: 2H	<a href="#"><b>144TA6880</b></a>




N° of connections: 9

 	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	44	22	50		12 V 24 V	Blade 6,3 mm Light optional	<a href="#">165TA5483</a>

# ROCKER SWITCHES






ROCKER SWITCHES

N° of connections: 10							
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	37	21	38		12 V	Blade 6,3 mm With light	<a href="#">165TA5532</a>
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	37	21	38,5		12 V	Blade 6,3 mm With light	<a href="#">165TA5533</a>
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	44	22	43		28 V	Blade 6,3 mm With light	<a href="#">165TA5338</a>
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	44	22	50,5		12 V 24 V	Blade 6,3 mm Light optional	<a href="#">165TA5565</a>
	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	44	22	50,5		12 V 24 V	Blade 6,3 mm Light optional	<a href="#">146TA4525</a>



N° of connections: 12

 	Built-in length mm	Built-in width mm	Built-in height mm	Type of position of the first actuator	Voltage - min. - max.	Remark	REF
	44	22	44,5			Blade 6,3 mm With light	<a href="#">165TA5443</a>



## NOTES

A series of horizontal dotted lines for taking notes.



# STEERING COLUMN SWITCHES



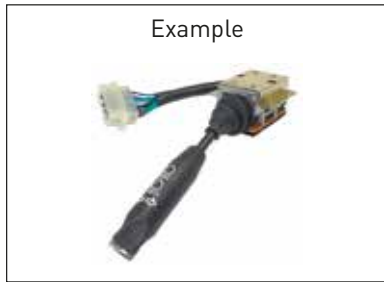
TECHNICAL SHEET



TECHNICAL SHEET

## STEERING COLUMN SWITCH

Group  
**02-03-03-00**



Customer details

Type of machine: .....

Price inquiry

Serial n° machine: .....

Order

<input type="checkbox"/>	QTY-CON. ....	Number of connections
<input type="checkbox"/>	TY-CON. ....	Type of the connection:
	<i>CON = connector</i> <i>F4,8 = blade 4,8 mm</i> <i>F6,3 = blade 6,3 mm</i> <i>F9,5 = blade 9,5 mm</i> <i>PIN = pin</i> <i>SCR = screw</i> <i>ST = stud</i> <i>WIRE = wire</i> <i>WC = wire with connector</i> <i>WP = wire with pin</i> <i>SP = special</i>	
<input type="checkbox"/>	I. ....	Current (A)
<input type="checkbox"/>	U1. ....	Minimum voltage (V)
<input type="checkbox"/>	U2. ....	Maximum voltage (V)
<input type="checkbox"/>	QTY-WIRE. ....	Number of wires
<input type="checkbox"/>	QTY-PIN. ....	Number of pins
<input type="checkbox"/>	D1. ....	Diameter of the steering column mounting (mm)
<input type="checkbox"/>	L1. ....	Total length of the steering column switch (mm)
<input type="checkbox"/>	W1. ....	Total width of the steering column switch (mm)
<input type="checkbox"/>	H1. ....	Total height of the steering column switch (mm)
<input type="checkbox"/>	D2. ....	Total diameter of the steering column switch (mm)
<input type="checkbox"/>	L2. ....	Length of the cable (mm)
<input type="checkbox"/>	QTY-HO. ....	Number of mounting holes
<input type="checkbox"/>	D3. ....	Diameter of the mounting holes (mm)
<input type="checkbox"/>	TA1. ....	Type of thread
<input type="checkbox"/>	TA1-SUB. ....	Subtype of thread
<input type="checkbox"/>	Pm1. ....	Pitch (metric) (mm)
<input type="checkbox"/>	Pi1. ....	Pitch (inch)
<input type="checkbox"/>	RH/LH. ....	Right- or left-handed thread



## TECHNICAL SHEET

<input type="checkbox"/>	C1 . . . . .	Shortest centre distance between mounting holes (mm)
<input type="checkbox"/>	C2 . . . . .	Longest centre distance between mounting holes (mm)
<input type="checkbox"/>	MAT-H . . . . .	Material of the housing: <i>MET = metal</i> <i>METPLT = metal plastic</i> <i>PLT = plastic</i>
<input type="checkbox"/>	IP . . . . .	IP value/protection
<input type="checkbox"/>	QTY-LEV . . . . .	Number of levers
<input type="checkbox"/>	FO-PR . . . . .	Forward present (yes/no)
<input type="checkbox"/>	NE-PR . . . . .	Neutral present (yes/no)
<input type="checkbox"/>	RE-PR . . . . .	Reverse present (yes/no)
<input type="checkbox"/>	NE-LOCK-PR . . . . .	Neutral lock present (yes/no)
<input type="checkbox"/>	SLOW-PR . . . . .	Low speed present (yes/no)
<input type="checkbox"/>	PARK-PR . . . . .	Parking position present (yes/no)
<input type="checkbox"/>	FAST-PR . . . . .	High speed present (yes/no)
<input type="checkbox"/>	GEAR-PR . . . . .	Gear present (yes/no)
<input type="checkbox"/>	QTY-GEAR . . . . .	Number of gears
<input type="checkbox"/>	AUTO-GEAR . . . . .	Automatic gear selection present (yes/no)
<input type="checkbox"/>	CRU-PR . . . . .	Cruise control present (yes/no)
<input type="checkbox"/>	HORN-PR . . . . .	Horn present (yes/no)
<input type="checkbox"/>	LR-PR . . . . .	Left/right direction indicator present (yes/no)
<input type="checkbox"/>	POS-PR . . . . .	Position light present (yes/no)
<input type="checkbox"/>	LOW-PR . . . . .	Low beam present (yes/no)
<input type="checkbox"/>	HIGH-PR . . . . .	High beam present (yes/no)
<input type="checkbox"/>	HBF-PR . . . . .	High beam flashing present (yes/no)
<input type="checkbox"/>	MLS-PR . . . . .	Master light switch present (yes/no)
<input type="checkbox"/>	AUTO-LHT . . . . .	Automatic light present (yes/no)
<input type="checkbox"/>	FOG-PR . . . . .	Fog light present (yes/no)
<input type="checkbox"/>	WARN-PR . . . . .	Warning light present (yes/no)
<input type="checkbox"/>	WORK-PR . . . . .	Worklight present (yes/no)
<input type="checkbox"/>	REVO-PR . . . . .	Revolving/strobe light present (yes/no)
<input type="checkbox"/>	WIP-PR . . . . .	Wiper present (yes/no)
<input type="checkbox"/>	WSW-PR . . . . .	Windscreen washer present (yes/no)

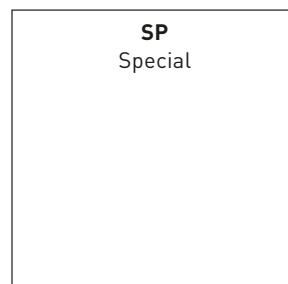
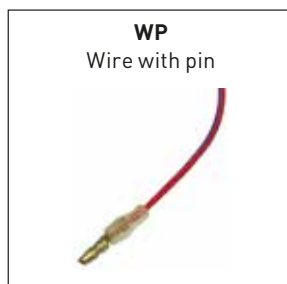
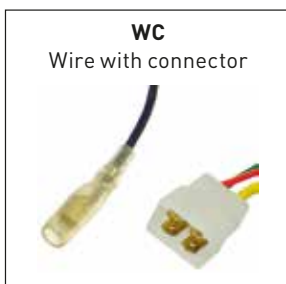
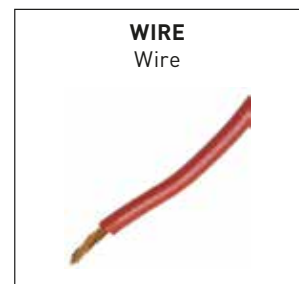


## TECHNICAL SHEET

### QTY-CON/QTY-WIRE/QTY-PIN



### TY-CON: TYPE OF CONNECTION





## TECHNICAL SHEET

### FUNCTIONS

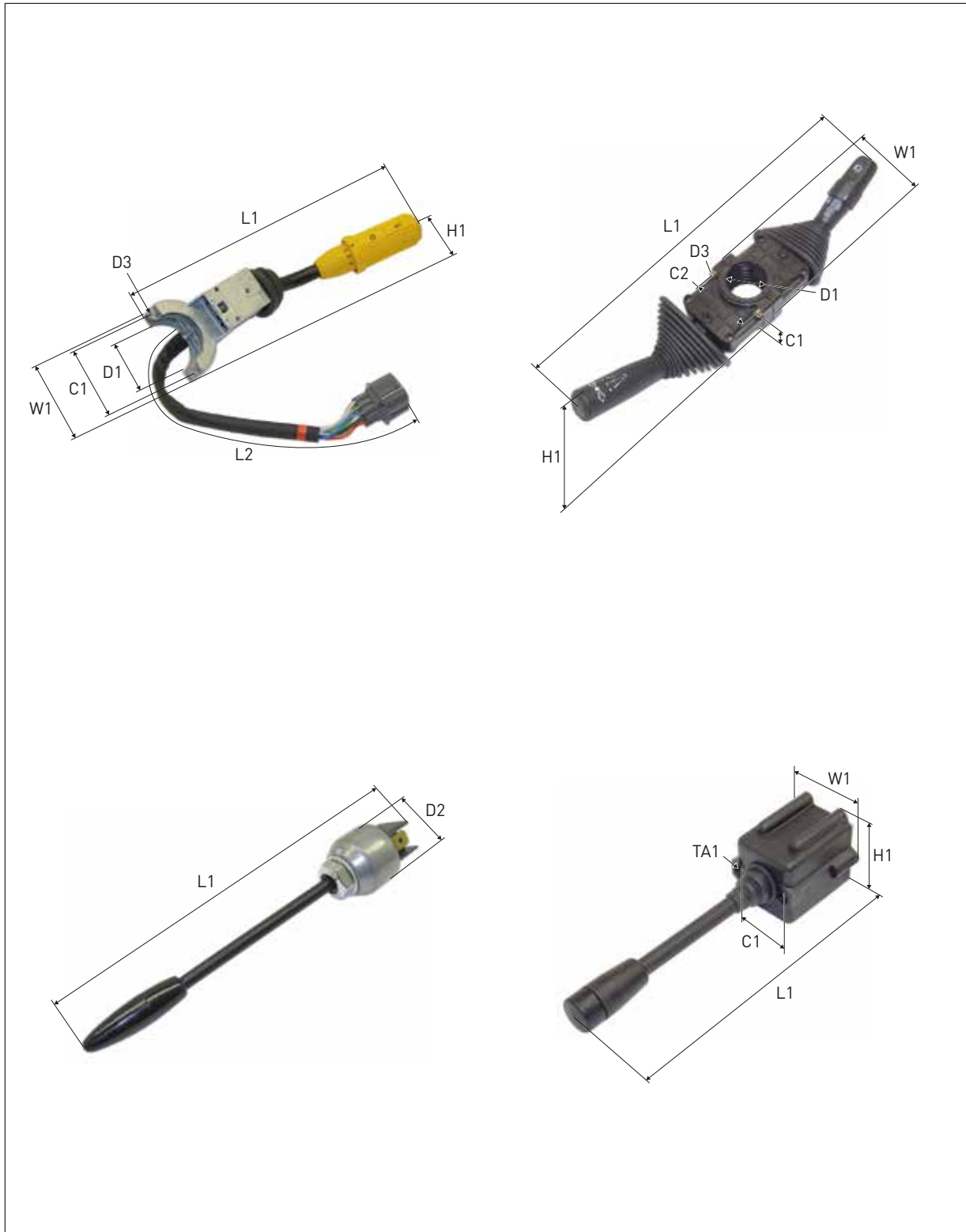
FO-PR NE-PR RE-PR	
SLOW-PR	
FAST-PR	
AUTO-GEAR	
CRU-PR	
HORN-PR	
LR-PR	
POS-PR	
LOW-PR	

HIGH-PR	
HBF-PR	
FOG-PR	
WARN-PR	
WORK-PR	
REVO-PR	
WIP-PR	
WSW-PR	



## TECHNICAL SHEET

### DIMENSIONS



**TVH PARTS NV**  
 Brabantstraat 15 · 8790 Waregem · Belgium  
 T +32 56 43 42 11 · F +32 56 43 44 88 · info@tvh.com · www.tvh.com  
 BTW BE 0425 399 042 · RLP Gent – division Kortrijk 0425 399 042  
 BNP Paribas Fortis 285-0448248-40 · IBAN BE02 2850 4482 4840 · SWIFT/BIC GEBABEBB



## TECHNICAL SHEET



## TECHNISCHE FICHE

### STUURKOLOMSCHAKELAAR

Groep

**02-03-03-00**

Voorbeeld



Gegevens klant

Type machine: .....

Prijsaanvraag

Serienr. machine: .....

Bestelling

QTY-CON. ....	Aantal aansluitingen
TY-CON. ....	Type aansluiting:
	CON = connector
	F4,8 = blad 4,8 mm
	F6,3 = blad 6,3 mm
	F9,5 = blad 9,5 mm
	PIN = pin
	SCR = schroef
	ST = bout
	WIRE = kabel
	WC = kabel met connector
	WP = kabel met pin
	SP = speciaal
I. ....	Stroom (A)
U1. ....	Minimale spanning (V)
U2. ....	Maximale spanning (V)
QTY-WIRE. ....	Aantal kabels
QTY-PIN. ....	Aantal pinnen
D1. ....	Diameter van de stuurkolombevestiging (mm)
L1. ....	Totale lengte van de stuurkolomschakelaar (mm)
W1. ....	Totale breedte van de stuurkolomschakelaar (mm)
H1. ....	Totale hoogte van de stuurkolomschakelaar (mm)
D2. ....	Totale diameter van de stuurkolomschakelaar (mm)
L2. ....	Lengte van de kabel (mm)
QTY-HO. ....	Aantal bevestigingsgaten
D3. ....	Diameter van de bevestigingsgaten (mm)
TA1. ....	Type schroefdraad
TA1-SUB. ....	Subtype schroefdraad
Pm1. ....	Spoed (metrisch) (mm)
Pi1. ....	Spoed (inch)
RH/LH. ....	Rechtse of linkse schroefdraad



## TECHNICAL SHEET

C1	.....	Kortste centerafstand tussen de bevestigingsgaten (mm)
C2	.....	Langste centerafstand tussen de bevestigingsgaten (mm)
MAT-H	.....	Materiaal van de behuizing: <i>MET = metaal</i> <i>METPLT = metaal plastic</i> <i>PLT = plastic</i>
IP	.....	IP-waarde/beschermingsgraad
QTY-LEV	.....	Aantal hendels
FO-PR	.....	Vooruit aanwezig (ja/nee)
NE-PR	.....	Neutraal aanwezig (ja/nee)
RE-PR	.....	Achteruit aanwezig (ja/nee)
NE-LOCK-PR	..	Neutraalvergrendeling aanwezig (ja/nee)
SLOW-PR	.....	Lage snelheid aanwezig (ja/nee)
PARK-PR	.....	Parkeerstand aanwezig (ja/nee)
FAST-PR	.....	Hoge snelheid aanwezig (ja/nee)
GEAR-PR	.....	Versnelling aanwezig (ja/nee)
QTY-GEAR	.....	Aantal versnellingen
AUTO-GEAR	...	Automatische versnelling aanwezig (ja/nee)
CRU-PR	.....	Cruisecontrol aanwezig (ja/nee)
HORN-PR	.....	Claxon aanwezig (ja/nee)
LR-PR	.....	Linker/rechter richtingaanwijzer aanwezig (ja/nee)
POS-PR	.....	Positielicht aanwezig (ja/nee)
LOW-PR	.....	Dimlicht aanwezig (ja/nee)
HIGH-PR	.....	Groot licht aanwezig (ja/nee)
HBF-PR	.....	Knipperfunctie groot licht aanwezig (ja/nee)
MLS-PR	.....	Hoofdlichtschakelaar (ja/nee)
AUTO-LHT	....	Automatisch licht aanwezig (ja/nee)
FOG-PR	.....	Mistlicht aanwezig (ja/nee)
WARN-PR	.....	Waarschuwingslicht aanwezig (ja/nee)
WORK-PR	.....	Werklicht aanwezig (ja/nee)
REVO-PR	.....	Zwaai-/flitslicht aanwezig (ja/nee)
WIP-PR	.....	Ruitenwisser aanwezig (ja/nee)
WSW-PR	.....	Ruitensproeier aanwezig (ja/nee)



## TECHNICAL SHEET



## FICHE TECHNIQUE

### COMMUTATEUR DE COLONNE DE DIRECTION

Groupe  
**02-03-03-00**



Données client

Type machine : .....

Demande de prix

No. série machine : .....

Commande

	QTY-CON. ....	Nombre de connexions
	TY-CON. ....	Type de connexion :
		CON = connecteur
		F4,8 = cosse plate 4,8 mm
		F6,3 = cosse plate 6,3 mm
		F9,5 = cosse plate 9,5 mm
		PIN = broche
		SCR = vis
		ST = goujon
		WIRE = câble
		WC = câble avec connecteur
		WP = câble avec broche
		SP = spéciale
	I. ....	Courant (A)
	U1. ....	Tension minimale (V)
	U2. ....	Tension maximale (V)
	QTY-WIRE. ....	Nombre de câbles
	QTY-PIN. ....	Nombre de broches
	D1. ....	Diamètre de la fixation de colonne de direction (mm)
	L1. ....	Longueur totale du commutateur de colonne de direction (mm)
	W1. ....	Largeur totale du commutateur de colonne de direction (mm)
	H1. ....	Hauteur totale du commutateur de colonne de direction (mm)
	D2. ....	Diamètre total du commutateur de colonne de direction (mm)
	L2. ....	Longueur du câble (mm)
	QTY-HO. ....	Nombre de trous de fixation
	D3. ....	Diamètre des trous de fixation (mm)
	TA1. ....	Type de filetage
	TA1-SUB. ....	Sous-type de filetage
	Pm1. ....	Pas métrique (mm)
	Pi1. ....	Pas (pouce)
	RH/LH. ....	Filetage à droite ou à gauche



## TECHNICAL SHEET

<input type="checkbox"/>	C1 . . . . .	Entraxe le plus court entre les trous de fixation (mm)
<input type="checkbox"/>	C2 . . . . .	Entraxe le plus long entre les trous de fixation (mm)
<input type="checkbox"/>	MAT-H . . . . .	Matériau du boîtier :
	<i>MET</i> =	<i>métal</i>
	<i>METPLT</i> =	<i>plastique-métal</i>
	<i>PLT</i> =	<i>plastique</i>
<input type="checkbox"/>	IP . . . . .	Valeur IP / protection
<input type="checkbox"/>	QTY-LEV . . . . .	Nombre de leviers
<input type="checkbox"/>	FO-PR . . . . .	Marche avant présente (oui/non)
<input type="checkbox"/>	NE-PR . . . . .	Point mort présent (oui/non)
<input type="checkbox"/>	RE-PR . . . . .	Marche arrière présente (oui/non)
<input type="checkbox"/>	NE-LOCK-PR . . . . .	Verrouillage du point mort présent (oui/non)
<input type="checkbox"/>	SLOW-PR . . . . .	Vitesse lente présente (oui/non)
<input type="checkbox"/>	PARK-PR . . . . .	Position de stationnement présente (oui/non)
<input type="checkbox"/>	FAST-PR . . . . .	Vitesse rapide présente (oui/non)
<input type="checkbox"/>	GEAR-PR . . . . .	Engrenage présent (oui/non)
<input type="checkbox"/>	QTY-GEAR . . . . .	Nombre d'engrenages
<input type="checkbox"/>	AUTO-GEAR . . . . .	Engrenage automatique présent (oui/non)
<input type="checkbox"/>	CRU-PR . . . . .	Régulateur de vitesse présent (oui/non)
<input type="checkbox"/>	HORN-PR . . . . .	Klaxon présent (oui/non)
<input type="checkbox"/>	LR-PR . . . . .	Clignotant gauche/droit présent (oui/non)
<input type="checkbox"/>	POS-PR . . . . .	Feu de position présent (oui/non)
<input type="checkbox"/>	LOW-PR . . . . .	Feu de croisement présent (oui/non)
<input type="checkbox"/>	HIGH-PR . . . . .	Feu de route présent (oui/non)
<input type="checkbox"/>	HBF-PR . . . . .	Fonction de clignotement feu de route présente (oui/non)
<input type="checkbox"/>	MLS-PR . . . . .	Interrupteur d'éclairage principal présent (oui/non)
<input type="checkbox"/>	AUTO-LHT . . . . .	Feu automatique présent (oui/non)
<input type="checkbox"/>	FOG-PR . . . . .	Feu antibrouillard présent (oui/non)
<input type="checkbox"/>	WARN-PR . . . . .	Feu de détresse présent (oui/non)
<input type="checkbox"/>	WORK-PR . . . . .	Phare de travail présent (oui/non)
<input type="checkbox"/>	REVO-PR . . . . .	Gyrophare / feu à éclats présent (oui/non)
<input type="checkbox"/>	WIP-PR . . . . .	Essuie-glace présent (oui/non)
<input type="checkbox"/>	WSW-PR . . . . .	Lave-glace présent (oui/non)



## TECHNICAL SHEET



## TECHNISCHES DATENBLATT

# LENKSÄULENSCHALTER

Gruppe  
**02-03-03-00**



Kundendaten

Maschinentyp: .....

Preis Anfrage

Serien-Nr. Maschine: .....

Bestellung

	QTY-CON. ....	Anzahl der Anschlüsse
	TY-CON. ....	Art des Anschlusses:
	CON =	Stecker
	F4,8 =	Flachstecker 4,8 mm
	F6,3 =	Flachstecker 6,3 mm
	F9,5 =	Flachstecker 9,5 mm
	PIN =	Stift
	SCR =	Schraube
	ST =	Bolzen
	WIRE =	Kabel
	WC =	Kabel mit Stecker
	WP =	Kabel mit Stift
	SP =	Sonderanschluss
	I. ....	Strom (A)
	U1. ....	Minimale Spannung (V)
	U2. ....	Maximale Spannung (V)
	QTY-WIRE. ....	Anzahl der Kabel
	QTY-PIN. ....	Anzahl der Stifte
	D1. ....	Durchmesser der Öffnung des Lenksäulenschalters (mm)
	L1. ....	Gesamtlänge des Lenksäulenschalters (mm)
	W1. ....	Gesamtbreite des Lenksäulenschalters (mm)
	H1. ....	Gesamthöhe des Lenksäulenschalters (mm)
	D2. ....	Gesamtdurchmesser des Lenksäulenschalters (mm)
	L2. ....	Länge des Kabels (mm)
	QTY-HO. ....	Anzahl der Montagebohrungen
	D3. ....	Durchmesser der Montagebohrungen (mm)
	TA1. ....	Art des Gewindes
	TA1-SUB. ....	Unterart des Gewindes
	Pm1. ....	Steigung (metrisch) (mm)
	Pi1. ....	Steigung (Zoll)
	RH/LH. ....	Rechtshändiges oder linkshändiges Gewinde



## TECHNICAL SHEET

	C1 . . . . .	Kürzester Mittenabstand zwischen Montagebohrungen (mm)
	C2 . . . . .	Längster Mittenabstand zwischen Montagebohrungen (mm)
	MAT-H . . . . .	Material des Gehäuses: <i>MET = Metall</i> <i>METPLT = Metallplastik</i> <i>PLT = Kunststoff</i>
	IP . . . . .	IP-Wert/Schutz
	QTY-LEV . . . . .	Anzahl der Hebel
	FO-PR . . . . .	Vorwärts-Funktion vorhanden (ja/nein)
	NE-PR . . . . .	Neutral vorhanden (ja/nein)
	RE-PR . . . . .	Rückwärts-Funktion vorhanden (ja/nein)
	NE-LOCK-PR . . . . .	Neutral-Verriegelung vorhanden (ja/nein)
	SLOW-PR . . . . .	Langsame Geschwindigkeit vorhanden (ja/nein)
	PARK-PR . . . . .	Parken-Funktion vorhanden (ja/nein)
	FAST-PR . . . . .	Schnelle Geschwindigkeit vorhanden (ja/nein)
	GEAR-PR . . . . .	Getriebe vorhanden (ja/nein)
	QTY-GEAR . . . . .	Anzahl der Gänge
	AUTO-GEAR . . . . .	Automatische Gangwahl vorhanden (ja/nein)
	CRU-PR . . . . .	Tempomat vorhanden (ja/nein)
	HORN-PR . . . . .	Hupe vorhanden (ja/nein)
	LR-PR . . . . .	Fahrtrichtungsanzeiger links/rechts vorhanden (ja/nein)
	POS-PR . . . . .	Positionslicht vorhanden (ja/nein)
	LOW-PR . . . . .	Abblendlicht vorhanden (ja/nein)
	HIGH-PR . . . . .	Fernlicht vorhanden (ja/nein)
	HBF-PR . . . . .	Blink-Fernlicht vorhanden (ja/nein)
	MLS-PR . . . . .	Schalter für Scheinwerfer vorhanden (ja/nein)
	AUTO-LHT . . . . .	Automatiklicht vorhanden (ja/nein)
	FOG-PR . . . . .	Nebelscheinwerfer vorhanden (ja/nein)
	WARN-PR . . . . .	Warnleuchte vorhanden (ja/nein)
	WORK-PR . . . . .	Arbeitscheinwerfer vorhanden (ja/nein)
	REVO-PR . . . . .	Rundum-/Blitzlicht vorhanden (ja/nein)
	WIP-PR . . . . .	Scheibenwischer vorhanden (ja/nein)
	WSW-PR . . . . .	Scheibenwascheinheit vorhanden (ja/nein)

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	22	251	77,5	90			<a href="#">146TA3173</a>
	25	192	65,5	100			<a href="#">165TA7642</a>
	31	198	70	110			<a href="#">146TA2590</a>
	31	208		110	70		<a href="#">165TA7746</a>
	31	208		110	70		<a href="#">165TA6178</a>
	34,5	230	89	75			<a href="#">165TA7837</a>
	34,5	231	88,5	82			<a href="#">147TA1956</a>
	34,5	253	89	90			<a href="#">165TA7845</a>

# STEERING COLUMN SWITCHES



STEERING COLUMN SWITCHES

N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	35	174	76,5	110			<a href="#">165TA7675</a>
	35	212	89,5	80			<a href="#">165TA7784</a>
	35,5	215	50	85			<a href="#">165TA7613</a>
	36	122	101	70			<a href="#">165TA7655</a>
	36	219	65	90			<a href="#">146TA9358</a>
	36,5	220	67	90			<a href="#">146TA9361</a>
	36,5	270	80,5	90			<a href="#">165TA7753</a>
	38	173,5	43	50			<a href="#">146TA1771</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38	174,5	43,5	46			<a href="#">146TA1894</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38	175	43	52			<a href="#">146TA6899</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38	180	90	125		 Neutral lock	<a href="#">146TA5459</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38	185	110	110			<a href="#">141TA7765</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38	190	65	80			<a href="#">141TA7769</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38	198	43,5	70			<a href="#">146TA5111</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38	227	90,5	98		   	<a href="#">165TA7842</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38	228	90,5	100			<a href="#">165TA7840</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38	228	90,5	100			<a href="#">165TA7844</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38	228	90,5	95			<a href="#">165TA7841</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38	228	90,5	97			<a href="#">165TA7834</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38	238	68	65			<a href="#">146TA7977</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38	264	66	111			<a href="#">147TA2473</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38,5	205	65	90			<a href="#">146TA3432</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38,5	271	76,5	130			<a href="#">165TA7829</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	39	238	68	70			<a href="#">138TA9623</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	39	238	78	105			<a href="#">165TA7691</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	39	240	78,5	110			<a href="#">165TA7647</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	39,5	204	69,5	80			<a href="#">147TA1221</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	39,5	235	68	65			<a href="#">147TA2205</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	40	155	75,5	158			<a href="#">146TA8008</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	40	188	64	70			<a href="#">146TA7971</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	40	194	65	63			<a href="#">146TA8002</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	40	210	64	85			<a href="#">141TA7772</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	40	211	68	85			<a href="#">165TA7678</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	40	216	69,5	80			<a href="#">165TA7610</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	40	217	81,5	95			<a href="#">128TA5863</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	40	218	64	70			<a href="#">165TA7874</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	40	238	68	70			<a href="#">146TA7976</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	40,5	255	67,5	108			<a href="#">165TA7863</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	41	250	67,5	100			<a href="#">147TA2250</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	42	241	67,5	105			<a href="#">165TA7650</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	42	245	67,5	116			<a href="#">165TA7864</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	42	255	88,5	80			<a href="#">146TA8556</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	42	257	88,5	71		   	<a href="#">165TA7640</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	42	260	67	107			<a href="#">146TA3661</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	42	260	67,5	110			<a href="#">146TA9357</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	42,5	258	75,5	120		 Neutral lock   	<a href="#">165TA7718</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	43	234	88,5	70		 	<a href="#">146TA8966</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44	210	78,5	88			<a href="#">165TA7768</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44	295	71	155			<a href="#">165TA7700</a>
	44,5	208	70,5	85			<a href="#">165TA7771</a>
	44,5	234	76,5	115		 	<a href="#">165TA7671</a>
	44,5	250	70	48		 	<a href="#">165TA7660</a>
	44,5	250	76	120		   	<a href="#">146TA9285</a>
	44,5	250	76	121		   	<a href="#">146TA6393</a>
	44,5	250	76	128		      	<a href="#">165TA7730</a>
	44,5	252	70	48		   	<a href="#">165TA7661</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	254	69,5	112			<a href="#">165TA7735</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	254	76	127			<a href="#">146TA4714</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	255	76,5	125			<a href="#">165TA7729</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	255	76,5	130			<a href="#">146TA6951</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	257	69,5	120			<a href="#">165TA7703</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	257	79	120			<a href="#">146TA6962</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	258	73,5	115			<a href="#">165TA7723</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	259	78,5	120			<a href="#">165TA7704</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	262	76,5	130			<a href="#">165TA7720</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	262	80,5	115			<a href="#">139TA5104</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	264	71	115			<a href="#">165TA7736</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	266	70	98			<a href="#">146TA7741</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	292	74	115			<a href="#">146TA6960</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	292	80,5	120			<a href="#">165TA7783</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	294	73,5	113			<a href="#">165TA7708</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	302	75	130			<a href="#">165TA7645</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	303	75	125			<a href="#">165TA7827</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	303	76,5	120			<a href="#">146TA9302</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	203	76,5	110			<a href="#">165TA7766</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	208	72,5	85			<a href="#">165TA7819</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	215	89	100			<a href="#">165TA7838</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	217	88,5	100			<a href="#">146TA8967</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	228	76,5	125			<a href="#">165TA7858</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	230	76,5	120			<a href="#">146TA7964</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	234	76,5	120			<a href="#">165TA7860</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	235	76,5	130			<a href="#">165TA7595</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	235	76,5	130			<a href="#">146TA7953</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	247	65	120			<a href="#">165TA7670</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	251	75	112			<a href="#">146TA3462</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	252	76	125			<a href="#">146TA9300</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	254	70,5	120			<a href="#">146TA7751</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	254	76	120			<a href="#">165TA7817</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	255	70	110			<a href="#">165TA7737</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	255	70	115			<a href="#">146TA7728</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	255	70	115			<a href="#">165TA7740</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	255	75,5	130			<a href="#">165TA7731</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	255	77,5	95			<a href="#">165TA7877</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	258	70	115			<a href="#">165TA7734</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	259	70	125			<a href="#">165TA7773</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	260	70	110			<a href="#">165TA7732</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	260	77	105			<a href="#">165TA7825</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	263	77	95			<a href="#">146TA8978</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	285	77	125			<a href="#">146TA9303</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	286	77,5	150			<a href="#">165TA7882</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	300	77	100			<a href="#">165TA7782</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45,5	216	89	100			<a href="#">147TA1955</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45,5	236	77	130			<a href="#">165TA7859</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45,5	240	76,5	120			<a href="#">165TA7591</a>



# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45,5	245	78	115			<a href="#">165TA7861</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45,5	245	79	95			<a href="#">165TA7607</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45,5	245	80	95			<a href="#">165TA7608</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45,5	246	79,5	95			<a href="#">165TA7604</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45,5	246	80	90			<a href="#">165TA7603</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45,5	257	79	75			<a href="#">165TA7605</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45,5	264	77,5	100			<a href="#">165TA7875</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45,5	264	77,5	105			<a href="#">165TA7883</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45,5	290	77	95			<a href="#">165TA7853</a>
	45,5	303	85	105			<a href="#">146TA3554</a>
	45,5	304	83	115			<a href="#">165TA7643</a>
	46	255	79,5	115			<a href="#">128TA5864</a>
	49,5	232	80	92			<a href="#">146TA9752</a>
	50	232	80,5	90			<a href="#">165TA7799</a>
	50	244	80,5	127			<a href="#">165TA7717</a>
	53	237	77	130			<a href="#">165TA7714</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		113	62,5	175			<a href="#">165TA7793</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		114	39	70			<a href="#">165TA7611</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		118	65	45			<a href="#">165TA7687</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		130	79	90			<a href="#">165TA7635</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		132	65	45			<a href="#">146TA5293</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		132,5	44,5	65			<a href="#">146TA6294</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		150	39	105			<a href="#">165TA7673</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		150	54	80			<a href="#">146TA2930</a>

# STEERING COLUMN SWITCHES



STEERING COLUMN SWITCHES

N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		150	81,5	68			<a href="#">165TA7629</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		151	85	68			<a href="#">165TA7627</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		153	39	110			<a href="#">165TA7672</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		154	86,5	75			<a href="#">146TA3143</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		155	29,5	40			<a href="#">165TA7684</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		161	86	80			<a href="#">165TA6634</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		161	87	80			<a href="#">165TA7628</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		163	76	110			<a href="#">165TA7637</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		166	64	65			<a href="#">165TA7656</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		168	61,5	115			<a href="#">165TA7662</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		169	63,5	70			<a href="#">165TA7787</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		169	79	98			<a href="#">141TA7764</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		170	62	116			<a href="#">146TA4414</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		170	79	110			<a href="#">165TA7694</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		173	33,5	122			<a href="#">165TA7847</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		175	48	55			<a href="#">165TA7711</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		175	92	92			<a href="#">146TA2946</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		178	40,5	120			<a href="#">165TA7665</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		178	62	155			<a href="#">146TA8962</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		180	54	90			<a href="#">165TA7597</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		180	62,5	155			<a href="#">146TA8963</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		183	87	90			<a href="#">146TA3138</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		185	86	90			<a href="#">146TA3684</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		185	87	90			<a href="#">146TA3676</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		190	45	44			<a href="#">165TA7686</a>
		190	86	93			<a href="#">146TA3194</a>
		190	86,5	95			<a href="#">165TA7600</a>
		190	87	95			<a href="#">146TA3675</a>
		190	87	97			<a href="#">141TA7762</a>
		190,5	46,5	43			<a href="#">116TA5302</a>
		191	46,5	43			<a href="#">146TA6287</a>
		191	55,5	70			<a href="#">165TA7794</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		191	87,5	92			<a href="#">165TA7630</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		199	81,5	91			<a href="#">146TA3677</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		215	53	55		 Neutral lock	<a href="#">165TA7756</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		215	64	55		 Neutral lock	<a href="#">165TA7755</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		219	62	105		      	<a href="#">165TA7668</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		220	46	60		 Neutral lock	<a href="#">165TA7667</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		220	58	125		      	<a href="#">165TA7811</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		222	43,5	75		      	<a href="#">165TA7754</a>

# STEERING COLUMN SWITCHES



N° of connections: 1							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		222	46	110			<a href="#">165TA7800</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		224	53,5	47			<a href="#">165TA7690</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		224	53,5	47			<a href="#">165TA7689</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		245	83,5	180			<a href="#">165TA7797</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		278	112,5	95			<a href="#">146TA3622</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		280	81	167			<a href="#">165TA7618</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		374	78	180			<a href="#">165TA7757</a>

# STEERING COLUMN SWITCHES



N° of connections: 2							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	22	278	112	100			<a href="#">165TA7631</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	34,5	421	88,5	100			<a href="#">165TA7843</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	34,5	442	89	115			<a href="#">165TA7816</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	35	420	89,5	100			<a href="#">165TA7836</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38	285	80	130			<a href="#">165TA7763</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38	366	69,5	70			<a href="#">147TA2262</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38,5	237	68	66			<a href="#">147TA2206</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38,5	390	68	58			<a href="#">146TA8370</a>

# STEERING COLUMN SWITCHES



N° of connections: 2							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	39	415	70	80			<a href="#">165TA7855</a>
	39,5	363	80	60			<a href="#">165TA7791</a>
	39,5	415	70	75			<a href="#">165TA7812</a>
	40,5	367	70	70			<a href="#">165TA7744</a>
	42	412	110	130			<a href="#">146TA9364</a>
	42	417	68,5	70			<a href="#">165TA7814</a>
	42,5	410	109	137			<a href="#">165TA7790</a>
	42,5	410	112	120			<a href="#">165TA7697</a>

# STEERING COLUMN SWITCHES



N° of connections: 2							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	43	425	88	79			<a href="#">165TA7820</a>
	44,5	235	76	117			<a href="#">146TA3587</a>
	44,5	249	75,5	64			<a href="#">165TA7727</a>
	44,5	257	74	118			<a href="#">165TA7823</a>
	44,5	257	79	117			<a href="#">115TA2887</a>
	44,5	258	78	125			<a href="#">165TA7707</a>
	44,5	258	79	120			<a href="#">165TA7709</a>
	44,5	259	76,5	125			<a href="#">165TA7850</a>

# STEERING COLUMN SWITCHES



N° of connections: 2							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	260	79	123			<a href="#">146TA6961</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	290	79,5	115			<a href="#">165TA7826</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	303	75	125			<a href="#">165TA7590</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	210	78,5	80			<a href="#">165TA7769</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	233	46	120			<a href="#">146TA7994</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	233	76	120			<a href="#">146TA7992</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	250	76,5	130			<a href="#">165TA7745</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	253	76	128			<a href="#">146TA6359</a>

# STEERING COLUMN SWITCHES



N° of connections: 2							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	253	76	128			<a href="#">165TA7721</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	254	71,5	125			<a href="#">165TA7767</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	258	78	125			<a href="#">165TA7706</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	307	76	135			<a href="#">146TA7944</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	313	72	105			<a href="#">146TA4581</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	498	76	120			<a href="#">146TA8682</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45,5	305	85	110			<a href="#">146TA3561</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	47,5	217	83,5	93			<a href="#">165TA7619</a>

# STEERING COLUMN SWITCHES



N° of connections: 2							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		144,5			25	 Blade 6,3 mm	<a href="#">146TA6276</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		148	78,5	92			<a href="#">141TA7771</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		180	44	130			<a href="#">165TA7663</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		212	62,5	145			<a href="#">165TA7760</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		241	48	95			<a href="#">165TA7659</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		255	88,5	80			<a href="#">146TA8557</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		408	92,5	115			<a href="#">165TA7636</a>

# STEERING COLUMN SWITCHES



N° of connections: 3							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	19	355	99,5	105			<a href="#">165TA7682</a>
	19	357	100	105			<a href="#">165TA7614</a>
	19	367	99,5	97			<a href="#">146TA5490</a>
	21,5	425	75	86			<a href="#">147TA2208</a>
	22	351	112	85			<a href="#">146TA3178</a>
	22	409	112	100			<a href="#">146TA3683</a>
	22	418	110	93			<a href="#">165TA7648</a>
	35	435	79	75			<a href="#">165TA7696</a>

# STEERING COLUMN SWITCHES



N° of connections: 3							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	35	437	80	76			<a href="#">165TA7778</a>
	37,5	210	66,5	49			<a href="#">165TA7685</a>
	38	175	43	73			<a href="#">165TA7702</a>
	38,5	474	77,5	120			<a href="#">146TA8494</a>
	39	368	70	70			<a href="#">165TA7871</a>
	39	418	82	83			<a href="#">165TA7802</a>
	39,5	363	70	75			<a href="#">165TA5830</a>
	40	229	64	45			<a href="#">165TA7649</a>

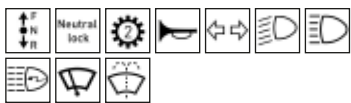



# STEERING COLUMN SWITCHES



N° of connections: 3							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	40,5	363	69,5	75			<a href="#">165TA7872</a>
	41	415	69,5	80			<a href="#">165TA7832</a>
	41,5	361	70	60			<a href="#">165TA7870</a>
	42	269	67,5	110			<a href="#">165TA7695</a>
	42,5	400	110,5	130			<a href="#">146TA9359</a>
	43	255	89	79			<a href="#">146TA4384</a>
	45	498	76,5	120			<a href="#">146TA8403</a>

# STEERING COLUMN SWITCHES




N° of connections: 3							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	500	76,5	130			<a href="#">165TA7777</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	49,5	255	80,5	110			<a href="#">165TA7751</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		123	56,5	57			<a href="#">165TA7652</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		124,5	56,5	28			<a href="#">165TA7602</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		125,5	44	37		 Blade 6,3 mm	<a href="#">146TA4422</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		192	45	48			<a href="#">146TA6278</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		195	42	76			<a href="#">165TA7651</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		272	108,5	122		 Blade 6,3 mm	<a href="#">146TA4850</a>



N° of connections: 3



Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		44	37		 Blade 6,3 mm	<a href="#"><u>146TA8127</u></a>

# STEERING COLUMN SWITCHES



N° of connections: 4							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	19	365	100	130			<a href="#">165TA7680</a>
	20	235	102	105			<a href="#">165TA7633</a>
	22	410	111	100			<a href="#">146TA3672</a>
	22	410	111,5	100			<a href="#">165TA6857</a>
	22	410	112	98			<a href="#">165TA7601</a>
	23,5	385	93,5	80			<a href="#">165TA7865</a>
	28,5	352	112	88			<a href="#">146TA3177</a>
	37,5	421	70	75			<a href="#">165TA7803</a>

















# STEERING COLUMN SWITCHES



N° of connections: 4							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38	498	80,5	135			<a href="#">165TA7750</a>
	38,5	320	97,5	95			<a href="#">165TA7634</a>
	39,5	358	70,5	80			<a href="#">165TA7868</a>
	40	173,5	43	50			<a href="#">165TA7848</a>
	40	358	99,5	125			<a href="#">146TA2922</a>
	40	364	70	70			<a href="#">165TA7804</a>
	42,5	263	88,5	105			<a href="#">165TA7658</a>
	45	252	76,5	122			<a href="#">146TA6954</a>



# STEERING COLUMN SWITCHES



N° of connections: 5							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	36,5	263	80,5	115			<a href="#">165TA7807</a>
	37	218	79,5	58			<a href="#">115TA2877</a>
	42,5	256	89	97			<a href="#">146TA4361</a>
	42,5	271	89	115			<a href="#">165TA7657</a>
	43	246	88,5	122			<a href="#">146TA4370</a>
	44	255	60	56		 Blade 6,3 mm	<a href="#">106TA1452</a>
	44,5	263	80	113			<a href="#">165TA7879</a>
		235	44,5	120			<a href="#">165TA7759</a>









N° of connections: 5

	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		238	92,5	68			<a href="#">146TA1708</a>



N° of connections: 6

	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	23,5	208	72	68		 Blade 4,8 mm	<a href="#">165TA7821</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		159	34,5	0		   Blade 6,3 mm	<a href="#">116TA5345</a>

# STEERING COLUMN SWITCHES



N° of connections: 7							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	42,5	257	88,5	100			<a href="#">146TA7145</a>
	45	495	76	125			<a href="#">146TA6953</a>
		113	63,5	165			<a href="#">165TA7710</a>
		145	36	65		 Blade 6,3 mm	<a href="#">165TA7677</a>
		162	44	42		 Blade 6,3 mm	<a href="#">165TA7779</a>


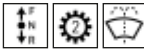
# STEERING COLUMN SWITCHES



N° of connections: 8							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	30,5	273	65,5	110			<a href="#">165TA7715</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	38,5	261	77,5	95		 Neutral lock 	<a href="#">165TA7780</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	42,5	256	89	100		  	<a href="#">146TA8953</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	261	66	120		    	<a href="#">146TA2354</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	272	64	125		   	<a href="#">146TA8228</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		120	36	81		    Blade 6,3 mm	<a href="#">146TA4604</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		142	53,5		30		<a href="#">106TA2609</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		145	80,5	55		 Blade 6,3 mm	<a href="#">146TA1972</a>



N° of connections: 8

	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		180	58,5	125		 Blade 6,3 mm	<a href="#"><u>165TA7716</u></a>

# STEERING COLUMN SWITCHES









N° of connections: 9							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	36,5	286	80	130			<a href="#">147TA2476</a>
	38	243	64,5	120			<a href="#">165TA7762</a>
	42,5	258	89	80			<a href="#">165TA7849</a>
	51	278	109	110		 Blade 4,8 mm	<a href="#">146TA8183</a>
		110	66	145			<a href="#">165TA7749</a>

# STEERING COLUMN SWITCHES





STEERING COLUMN SWITCHES

N° of connections: 10							
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		44,5	254	70	123		
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	254	70	126			<a href="#">146TA5261</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	44,5	264,5	70,5	94			<a href="#">146TA5239</a>
	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		180	63,5	114			<a href="#">165TA7796</a>



N° of connections: 12





	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
		168	53,5	45			<a href="#">106TA2610</a>

# STEERING COLUMN SWITCHES



STEERING COLUMN SWITCHES

N° of connections: 0

	Mounting diameter mm	Total length mm	Total width mm	Total height mm	Total diameter mm	Remark	REF
	45	235	83	132			<a href="#">146TA1719</a>
	45,5	343	125,5	129			<a href="#">165TA6969</a>



# BATTERY SWITCHES



TECHNICAL SHEET



TECHNICAL SHEET

## BATTERY DISCONNECT SWITCH

Group  
**02-06-04-00**



Customer details

Type of machine: .....

Price inquiry

Serial n° machine: .....

Order

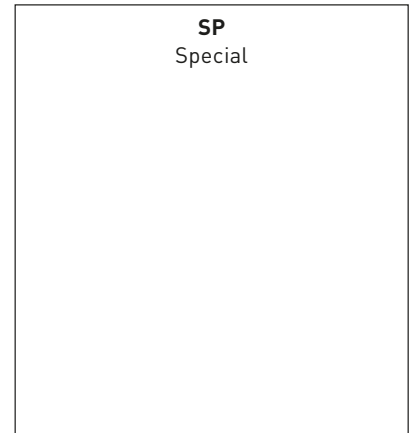
	TY-CON . . . . . Type of connection: <i>HO = hole</i> <i>ST = stud</i> <i>SP = special</i>
	POS-CON . . . . . Position of the connection: <i>CROO = slanting</i> <i>STR = straight</i> <i>SP = special</i>
	I . . . . . Current (A)
	U . . . . . Voltage (V)
	QTY-POLE . . . . . Number of poles on the battery disconnect switch
	AUX-SWIT . . . . . Auxiliary switch present (yes/no)
	TY-ACTU . . . . . Type of actuator: <i>1PIN = 1-pin handle</i> <i>2PIN = 2-pin handle</i> <i>FIX = fixed handle</i> <i>KEY = key</i> <i>PULL = pull handle</i> <i>SP = special</i>
	D1 . . . . . Nominal diameter of the connection (mm)
	TA1 . . . . . Type of thread connection
	Pm1 . . . . . Pitch metric
	Pi1 . . . . . Pitch inch
	D2 . . . . . Top built-in diameter of the battery disconnect switch (mm)
	L1 . . . . . Top built-in length of the battery disconnect switch (mm)
	W1 . . . . . Top built-in width of the battery disconnect switch (mm)
	L2 . . . . . Length of the panel mount thread (mm)
	L3 . . . . . Bottom built-in length of the battery disconnect switch (mm)
	W2 . . . . . Bottom built-in width of the battery disconnect switch (mm)
	H1 . . . . . Bottom built-in height of the battery disconnect switch (mm)
	D3 . . . . . Bottom built-in diameter of the battery disconnect switch (mm)



## TECHNICAL SHEET

	L4 . . . . .	Total length of the battery disconnect switch (mm)
	W3 . . . . .	Total width of the battery disconnect switch (mm)
	H2 . . . . .	Total height of the battery disconnect switch (mm)
	D4 . . . . .	Total diameter of the battery disconnect switch (mm)
	QTY-HO . . . . .	Number of mounting holes
	C1 . . . . .	Shortest centre distance between mounting holes (mm)
	C2 . . . . .	Longest centre distance between mounting holes (mm)
	D5 . . . . .	Diameter of the mounting holes (mm)
	MAT-H . . . . .	Material of the housing: <i>MET = metal</i> <i>METPL = metal + plastic</i> <i>PL = plastic</i>
	MAT-ACTU . . . . .	Material of the actuator: <i>MET = metal</i> <i>METPL = metal + plastic</i> <i>PL = plastic</i>
	IP . . . . .	IP value/protection class

### TY-CON: TYPE OF CONNECTION



### POS-CON: POSITION OF THE CONNECTION





## TECHNICAL SHEET

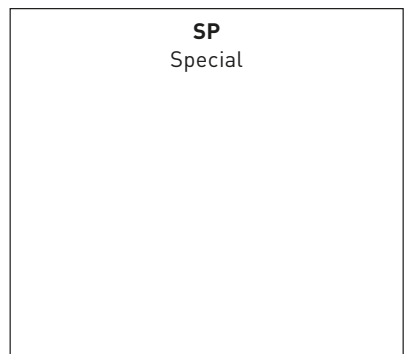
### QTY-POLE: NUMBER OF POLES ON THE BATTERY DISCONNECT SWITCH



### AUX-SWIT: AUXILIARY SWITCH PRESENT



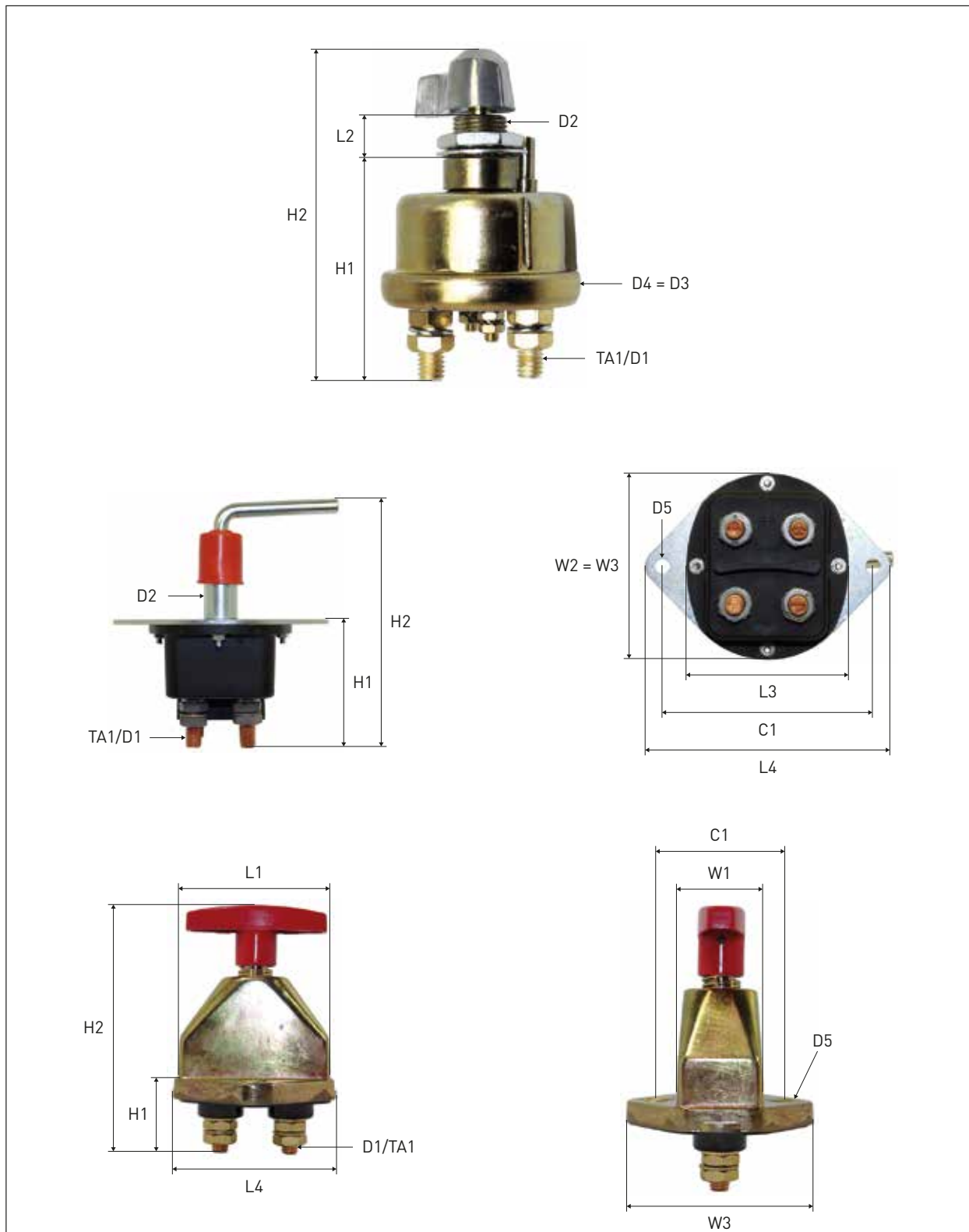
### TY-ACTU: TYPE OF ACTUATOR





## TECHNICAL SHEET

### DIMENSIONS



**TVH PARTS NV**  
 Brabantstraat 15 · 8790 Waregem · Belgium  
 T +32 56 43 42 11 · F +32 56 43 44 88 · info@tvh.com · www.tvh.com  
 BTW BE 0425 399 042 · RLP Gent – division Kortrijk 0425 399 042  
 BNP Paribas Fortis 285-0448248-40 · IBAN BE02 2850 4482 4840 · SWIFT/BIC GEBABEBB



TECHNICAL SHEET



TECHNISCHE FICHE

## BATTERIJSCHAKELAAR

Groep  
**02-06-04-00**



Gegevens klant

Type machine: .....

Prijsaanvraag

Serienr. machine: .....

Bestelling

- TY-CON . . . . . Type van aansluiting:  
                   HO = gat  
                   ST = bout  
                   SP = speciaal
- POS-CON . . . . . Positie van de aansluiting:  
                   CROO = schuin  
                   STR = recht  
                   SP = speciaal
- I . . . . . Stroom (A)
- U . . . . . Spanning (V)
- QTY-POLE . . . . . Aantal polen op de batterijschakelaar
- AUX-SWIT . . . . . Hulpcontacten aanwezig (ja/nee)
- TY-ACTU . . . . . Type bediening:  
                   1PIN = hendel 1 pin  
                   2PIN = hendel 2 pinnen  
                   FIX = vaste hendel  
                   KEY = sleutel  
                   PULL = trekhendel  
                   SP = speciaal
- D1 . . . . . Nominale diameter van de aansluiting (mm)
- TA1 . . . . . Type schroefdraad van de aansluiting
- Pm1 . . . . . Spoed metrisch
- Pi1 . . . . . Spoed inch
- D2 . . . . . Bovenste inbouwdiameter van de batterijschakelaar (mm)
- L1 . . . . . Bovenste inbouw lengte van de batterijschakelaar (mm)
- W1 . . . . . Bovenste inbouw breedte van de batterijschakelaar (mm)
- L2 . . . . . Lengte van de schroefdraad voor paneel bevestiging (mm)
- L3 . . . . . Onderste inbouw lengte van de batterijschakelaar (mm)
- W2 . . . . . Onderste inbouw breedte van de batterijschakelaar (mm)
- H1 . . . . . Onderste inbouw hoogte van de batterijschakelaar (mm)
- D3 . . . . . Onderste inbouwdiameter van de batterijschakelaar (mm)



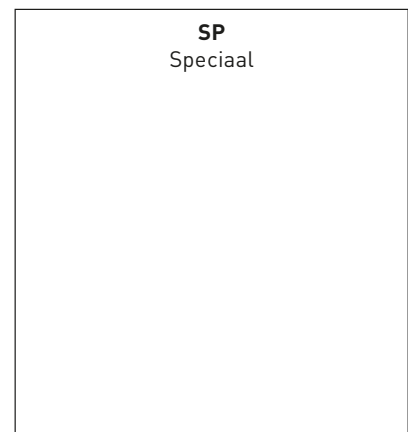
## TECHNICAL SHEET

	L4 . . . . .	Totale lengte van de batterijschakelaar (mm)
	W3 . . . . .	Totale breedte van de batterijschakelaar (mm)
	H2 . . . . .	Totale hoogte van de batterijschakelaar (mm)
	D4 . . . . .	Totale diameter van de batterijschakelaar (mm)
	QTY-HO . . . . .	Aantal bevestigingsgaten
	C1 . . . . .	Kortste centerafstand van de bevestigingsgaten (mm)
	C2 . . . . .	Langste centerafstand van de bevestigingsgaten (mm)
	D5 . . . . .	Diameter van het bevestigingsgat (mm)
	MAT-H . . . . .	Materiaal van de behuizing: <i>MET = metaal</i> <i>METPL = metaal + kunststof</i> <i>PL = kunststof</i>
	MAT-ACTU . . . . .	Materiaal van de bediening: <i>MET = metaal</i> <i>METPL = metaal + kunststof</i> <i>PL = kunststof</i>
	IP . . . . .	IP-waarde/beschermingsklasse

## TY-CON: TYPE AANSLUITING



## POS-CON: POSITIE VAN DE AANSLUITING





TECHNICAL SHEET



FICHE TECHNIQUE

## COUPE BATTERIE

Groupe  
**02-06-04-00**



Données client

Type machine : .....

Demande de prix

No. série machine : .....

Commande

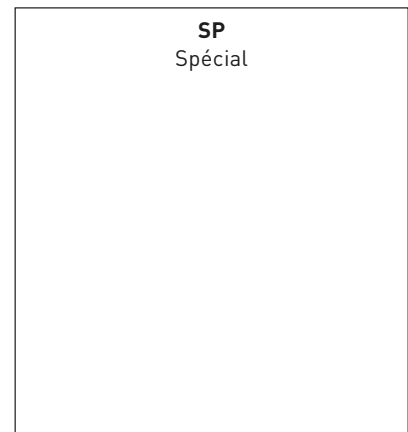
- TY-CON . . . . . Type de connexion :  
                   *HO = trou*  
                   *ST = goujon*  
                   *SP = spécial*
- POS-CON . . . . . Position de connexion :  
                   *CROO = oblique*  
                   *STR = droit*  
                   *SP = spécial*
- I . . . . . Courant (A)
- U . . . . . Voltage (V)
- QTY-POLE . . . . . Nombre de pôles sur le coupe batterie
- AUX-SWIT . . . . . Contact auxiliaire présent (oui/non)
- TY-ACTU . . . . . Type d'actionneur :  
                   *1PIN = 1 ergot avec poignée*  
                   *2PIN = 2 ergots avec poignée*  
                   *FIX = poignée fixe*  
                   *KEY = clé*  
                   *PULL = actionneur à tirette*  
                   *SP = spécial*
- D1 . . . . . Diamètre nominal de la connexion (mm)
- TA1 . . . . . Type de filetage de la connexion
- Pm1 . . . . . Pas métrique
- Pi1 . . . . . Pas en pouce
- D2 . . . . . Diamètre d'encastrement supérieur du coupe batterie (mm)
- L1 . . . . . Longueur d'encastrement supérieure du coupe batterie (mm)
- W1 . . . . . Largeur d'encastrement supérieure du coupe batterie (mm)
- L2 . . . . . Longueur de filetage pour montage sur panneau (mm)
- L3 . . . . . Longueur d'encastrement inférieure du coupe batterie (mm)
- W2 . . . . . Largeur d'encastrement inférieure du coupe batterie (mm)
- H1 . . . . . Hauteur d'encastrement du coupe batterie (mm)
- D3 . . . . . Diamètre d'encastrement inférieur du coupe batterie (mm)



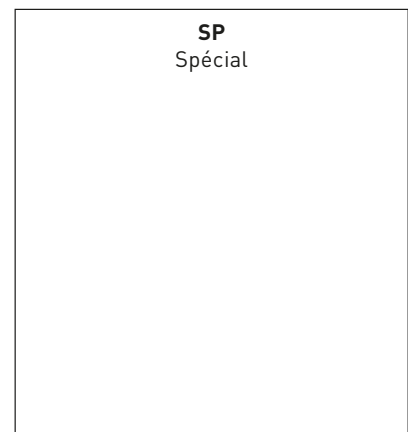
## TECHNICAL SHEET

	L4 . . . . .	Longueur totale du coupe batterie (mm)
	W3 . . . . .	Largeur totale du coupe batterie (mm)
	H2 . . . . .	Hauteur totale du coupe batterie (mm)
	D4 . . . . .	Diamètre total du coupe batterie (mm)
	QTY-HO . . . . .	Nombre de trous de fixation
	C1 . . . . .	Plus petit entraxe des trous de fixation (mm)
	C2 . . . . .	Plus grand entraxe des trous de fixation (mm)
	D5 . . . . .	Diamètre du trou de fixation (mm)
	MAT-H . . . . .	Matière du boîtier : <i>MET = métal</i> <i>METPL = métal plastique</i> <i>PL = plastique</i>
	MAT-ACTU . . . . .	Matière de l'actionneur : <i>MET = métal</i> <i>METPL = métal plastique</i> <i>PL = plastique</i>
	IP . . . . .	Valeur IP

### TY-CON : TYPE DE CONNEXION



### POS-CON : POSITION DE CONNEXION





TECHNICAL SHEET



TECHNISCHES DATENBLATT

## BATTERIETRENNSCHALTERS

Gruppe  
**02-06-04-00**



Kundendaten

Maschinentyp: .....

Preis Anfrage

Serien-Nr. Maschine: .....

Bestellung

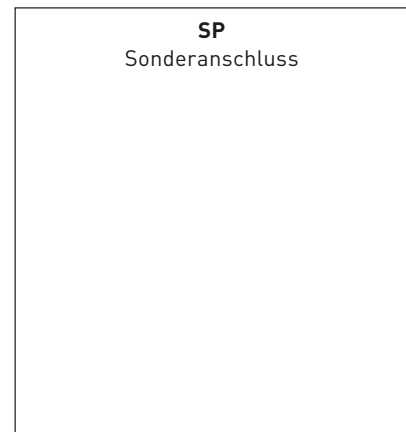
- TY-CON . . . . . Typ des Anschlusses:  
     HO = Loch  
     ST = Bolzen  
     SP = Sonderanschluss
- POS-CON . . . . . Position des Anschlusses:  
     CROO = schief  
     STR = gerade  
     SP = Sonderposition
- I . . . . . Strom (A)
- U . . . . . Spannung (V)
- QTY-POLE . . . . . Anzahl der Pole auf dem Batterietrennschalter
- AUX-SWIT . . . . . Hilfsschalter vorhanden (ja/nein)
- TY-ACTU . . . . . Typ des Aktuators:  
     1PIN = Hebel mit 1 Stift  
     2PIN = Hebel mit 2 Stiften  
     FIX = fester Hebel  
     KEY = Schlüssel  
     PULL = Zughebel  
     SP = Sonderaktuator
- D1 . . . . . Nenndurchmesser des Anschlusses (mm)
- TA1 . . . . . Typ des Gewindeanschlusses
- Pm1 . . . . . Pitch (metrisch)
- Pi1 . . . . . Pitch (Zoll)
- D2 . . . . . Oberer eingebaute Durchmesser des Batterietrennschalters (mm)
- L1 . . . . . Obere eingebaute Länge des Batterietrennschalters (mm)
- W1 . . . . . Obere eingebaute Breite des Batterietrennschalters (mm)
- L2 . . . . . Länge des Gewindes für Tafelmontage (mm)
- L3 . . . . . Untere eingebaute Länge des Batterietrennschalters (mm)
- W2 . . . . . Untere eingebaute Breite des Batterietrennschalters (mm)
- H1 . . . . . Untere eingebaute Höhe des Batterietrennschalters (mm)
- D3 . . . . . Unterer eingebaute Durchmesser des Batterietrennschalters (mm)



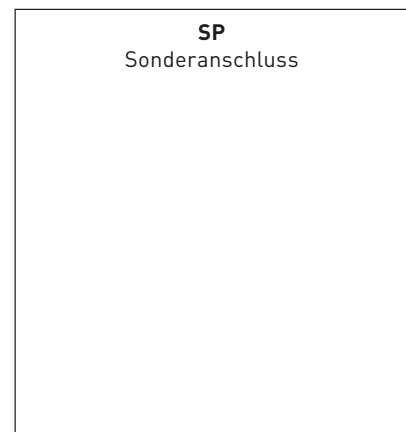
## TECHNICAL SHEET

	L4 .....	Gesamtlänge des Batterietrennschalters (mm)
	W3 .....	Gesamtbreite des Batterietrennschalters (mm)
	H2 .....	Gesamthöhe des Batterietrennschalters (mm)
	D4 .....	Gesamtdurchmesser des Batterietrennschalters (mm)
	QTY-HO .....	Anzahl der Befestigungslöcher
	C1 .....	Kürzester Mittenabstand zwischen Befestigungslöcher (mm)
	C2 .....	Längster Mittenabstand zwischen Befestigungslöcher (mm)
	D5 .....	Durchmesser der Befestigungslöcher (mm)
	MAT-H.....	Material des Gehäuses: <i>MET = Metall</i> <i>METPL = Metall Kunststoff</i> <i>PL = Kunststoff</i>
	MAT-ACTU . . . .	Material des Aktuators: <i>MET = Metall</i> <i>METPL = Metall Kunststoff</i> <i>PL = Kunststoff</i>
	IP.....	IP-Wert/Schutzklasse

### TY-CON: TYP DES ANSCHLUSSES



### POS-CON: POSITION DES ANSCHLUSSES





BATTERY SWITCHES		Current A	N° of poles	Type of actuator	REF of complete switch	REF key
		20	1	Fix	<a href="#">126TA5253</a>	
		50	1	1 pin	<a href="#">165TA7526</a>	<a href="#">165TA9413</a>
		75	1	Key	<a href="#">123TA7672</a>	<a href="#">165TA9414</a>
		100	1	1 pin	<a href="#">165TA7495</a>	<a href="#">165TA9699</a>
		100	1	1 pin	<a href="#">165TA7522</a>	
		100	1	1 pin	<a href="#">165TA7477</a>	<a href="#">165TA9413</a>
		100	1	1 pin	<a href="#">165TA7530</a>	
		100	1	Fix	<a href="#">146TA2771</a>	



BATTERY SWITCHES						
		Current A	N° of poles	Type of actuator	REF of complete switch	REF key
		100	1	Key	<a href="#">146TA8817</a>	
		100	1	1 pin	<a href="#">165TA7524</a>	<a href="#">165TA9413</a>
		100	1	1 pin	<a href="#">140TA8820</a>	
		100	1	1 pin	<a href="#">165TA7529</a>	<a href="#">165TA9415</a>
		125	1	Fix	<a href="#">164TA1267</a>	<a href="#">165TA9629</a>
		125	1	Fix	<a href="#">147TA6858</a>	<a href="#">164TA1220</a>
		125	1	Fix	<a href="#">146TA8252</a>	
		150	1	2 pin	<a href="#">165TA7482</a>	<a href="#">165TA9700</a>



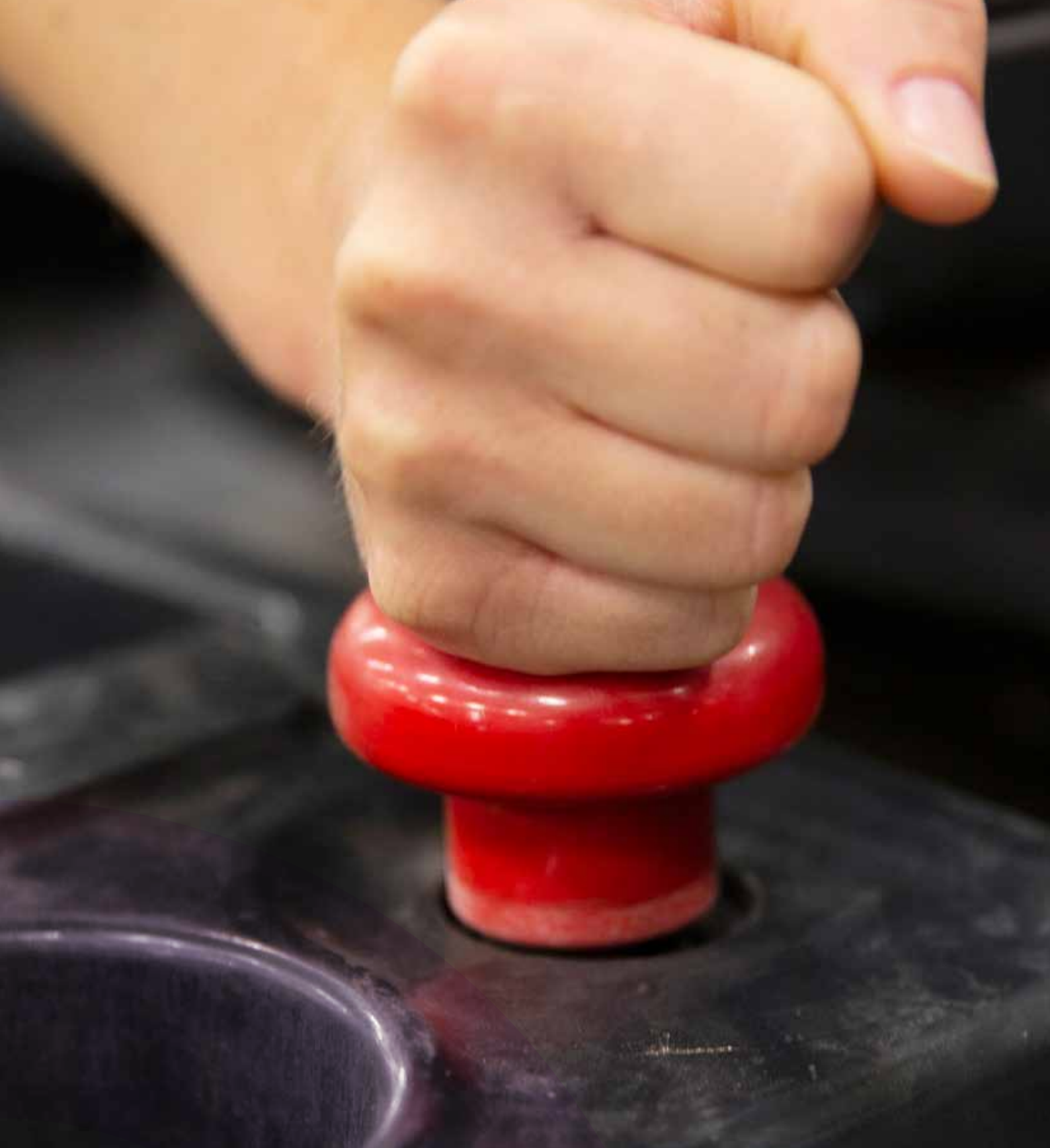
BATTERY SWITCHES						
		Current A	N° of poles	Type of actuator	REF of complete switch	REF key
		150	1	2 pin	<a href="#">165TA7488</a>	<a href="#">165TA9416</a>
		150	1	2 pin	<a href="#">165TA7525</a>	<a href="#">134TA8713</a>
		150	1	Fix	<a href="#">144TA6019</a>	
		150	1	Fix	<a href="#">134TA8697</a>	
		175	1	Fix	<a href="#">165TA7520</a>	
		175	1	Fix	<a href="#">165TA4437</a>	<a href="#">164TA1220</a>
		175	1	Fix	<a href="#">165TA7527</a>	
		175	1	Key	<a href="#">110TA8155</a>	<a href="#">129TA3137</a>



BATTERY SWITCHES						
Image		Current A	N° of poles	Type of actuator	REF of complete switch	REF key
		175	1	Fix	<a href="#">140TA8822</a>	
		200	1	2 pin	<a href="#">165TA7476</a>	<a href="#">165TA9700</a>
		250	1	2 pin	<a href="#">146TA7617</a>	<a href="#">134TA8714</a>
		250	1	Fix	<a href="#">165TA7534</a>	
		250	1	1 pin	<a href="#">165TA7532</a>	<a href="#">134TA8711</a>
		250	2	2 pin	<a href="#">165TA7523</a>	<a href="#">165TA2969</a>
		275	1	2 pin	<a href="#">165TA7528</a>	
		300	1	2 pin	<a href="#">146TA3884</a>	<a href="#">165TA9701</a>



BATTERY SWITCHES		Current	N° of poles	Type of actuator	REF of complete switch	REF key
		A	1	2 pin	<a href="#">165TA7531</a>	<a href="#">134TA8714</a>
		A	1	2 pin	<a href="#">165TA7533</a>	<a href="#">165TA9628</a>
		A	1	1 pin	<a href="#">165TA7487</a>	<a href="#">165TA2970</a>
		A	1	Fix	<a href="#">147TA1384</a>	
		A	1	Fix	<a href="#">134TA8701</a>	
		A	1	Fix	<a href="#">140TA8821</a>	
		A	1	Key	<a href="#">147TA1942</a>	



# EMERGENCY SWITCHES



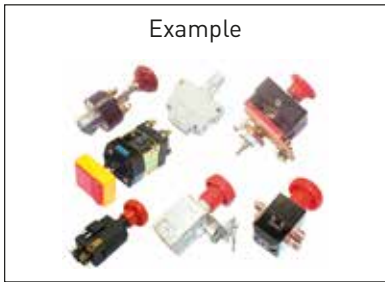
TECHNICAL SHEET



TECHNICAL SHEET

## EMERGENCY STOP SWITCH HIGH CAPACITY

Group  
**02-03-02-00**



Customer details

Type of machine: .....

Price inquiry

Serial n° machine: .....

Order

<input type="checkbox"/>	BRAND . . . . .	Brand of the switch
<input type="checkbox"/>	TYPE . . . . .	Type of the switch
<input type="checkbox"/>	I . . . . .	Current (ampere)
<input type="checkbox"/>	U . . . . .	Highest tension (volt)
<input type="checkbox"/>	KN . . . . .	Knob present (yes/no)
<input type="checkbox"/>	EX-CO . . . . .	Auxilliary switch present (yes/no)
<input type="checkbox"/>	BL-OU . . . . .	Blow-out present (yes/no). If YES, fill out (SI-PO) side polarity
<input type="checkbox"/>	LO-KE . . . . .	Lockable with key (yes/no)
<input type="checkbox"/>	Z1 . . . . .	Maximum length of the front
<input type="checkbox"/>	Z2 . . . . .	Maximum length of the side
<input type="checkbox"/>	D1 . . . . .	Diameter of the switch, if round
<input type="checkbox"/>	H1 . . . . .	Total height in OFF-position
<input type="checkbox"/>	H2 . . . . .	Total height in ON-position
<input type="checkbox"/>	D2 . . . . .	Diameter of the knob, if round
<input type="checkbox"/>	Z3 . . . . .	Biggest side of the knob, if square
<input type="checkbox"/>	Z4 . . . . .	Smallest side of the knob, if square
<input type="checkbox"/>	QTY-CO . . . . .	Number of connections
<input type="checkbox"/>	D3 . . . . .	Diameter of the wire connection holes
<input type="checkbox"/>	C . . . . .	Centre distance between wire connection holes
<input type="checkbox"/>	TY-SW . . . . .	Configuration of the contacts: <i>SP = single-pole</i> <i>DP = double-pole</i>
<input type="checkbox"/>	DUS-COV . . . . .	Dust cover (yes/no)
<input type="checkbox"/>	SI-PO . . . . .	Side of polarity: <i>R = right</i> <i>L = left</i>
<input type="checkbox"/>		Only to be filled out if blow-out present (if not, fill out 0). Hold with the brand label to the front and then determine the position of the '+' pole [see drawings].
<input type="checkbox"/>	TEX-TI . . . . .	Textured tips (yes/no)
<input type="checkbox"/>	ENC-COV . . . . .	Enclosed cover (yes/no)



## TECHNICAL SHEET

### DUS-COV: DUST COVER



### TEX-TI: TEXTURED TIPS



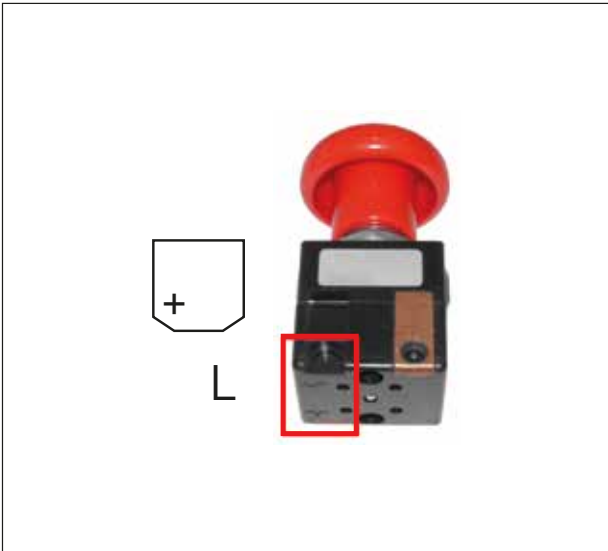
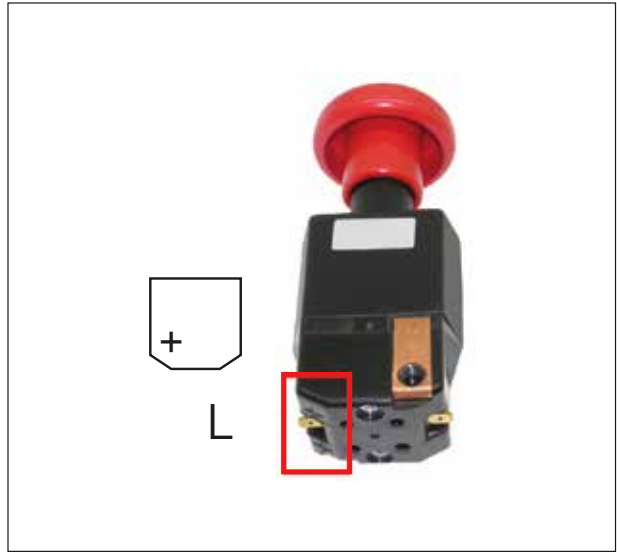
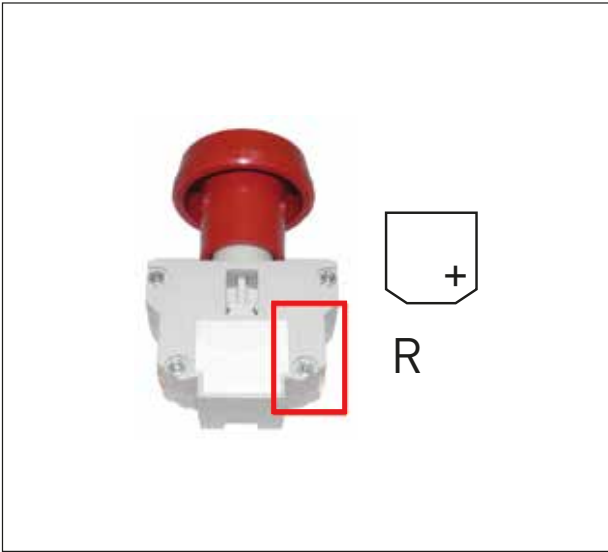
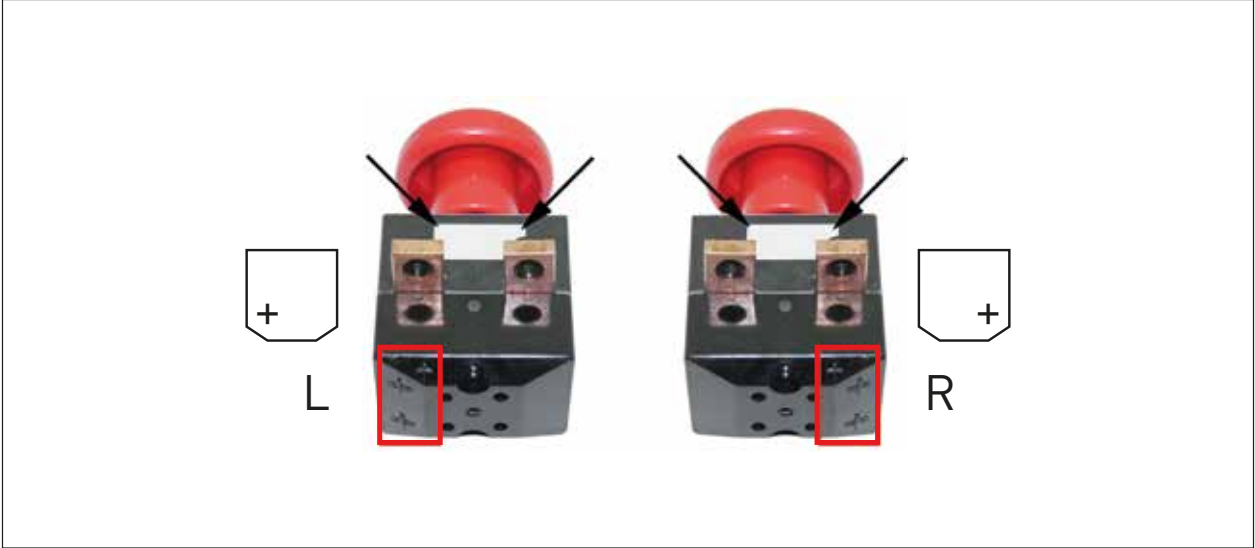
### ENC-COV: ENCLOSED COVER





## TECHNICAL SHEET

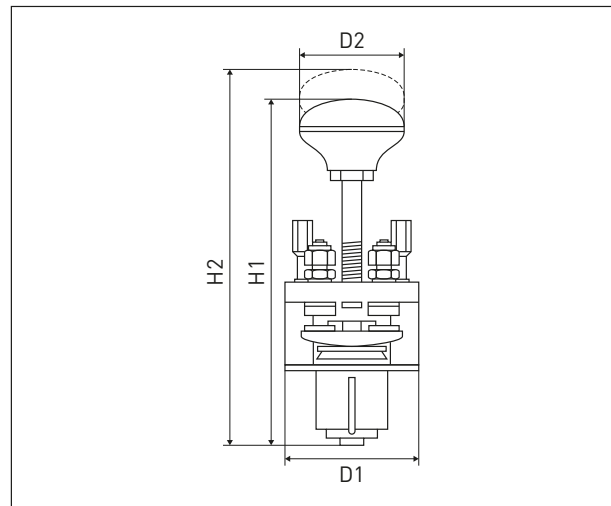
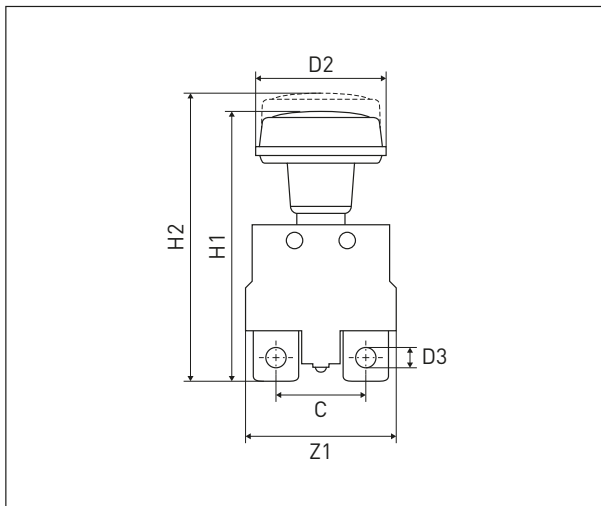
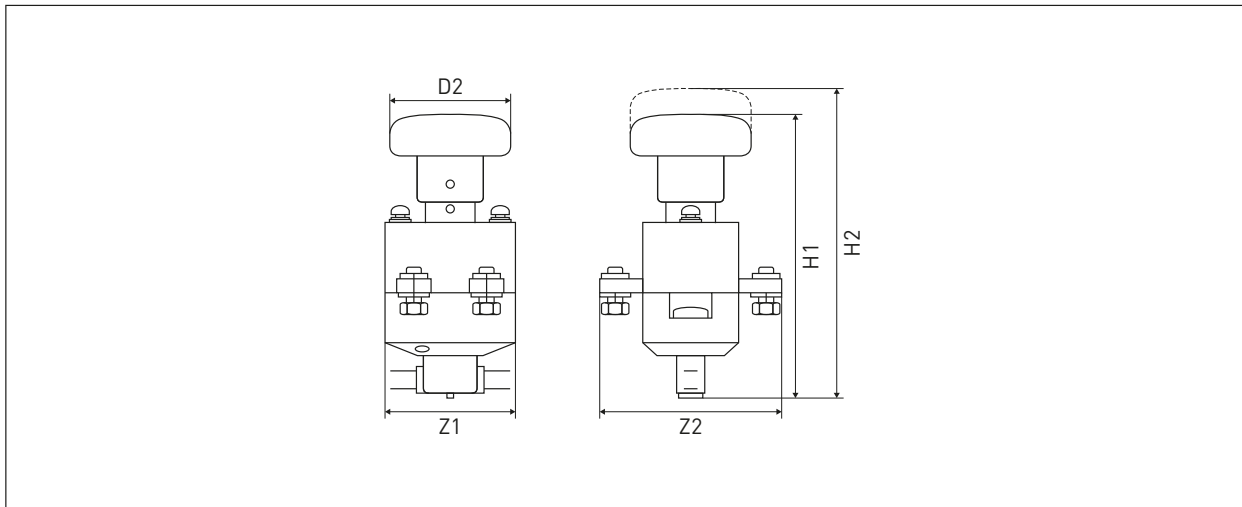
### SI-PO: SIDE OF POLARITY





## TECHNICAL SHEET

### DIMENSIONS



**TVH PARTS NV**  
 Brabantstraat 15 · 8790 Waregem · Belgium  
 T +32 56 43 42 11 · F +32 56 43 44 88 · info@tvh.com · www.tvh.com  
 BTW BE 0425 399 042 · RLP Gent – division Kortrijk 0425 399 042  
 BNP Paribas Fortis 285-0448248-40 · IBAN BE02 2850 4482 4840 · SWIFT/BIC GEBABEBB



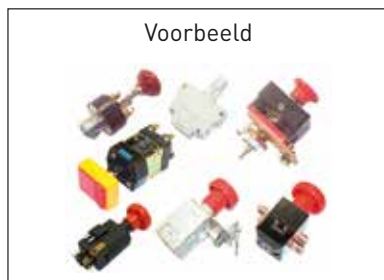
TECHNICAL SHEET



TECHNISCHE FICHE

## NOODSTOPCHAKELAAR HOOG VERMOGEN

Groep  
**02-03-02-00**



Gegevens klant

Type machine: .....

Prijsaanvraag

Serienr. machine: .....

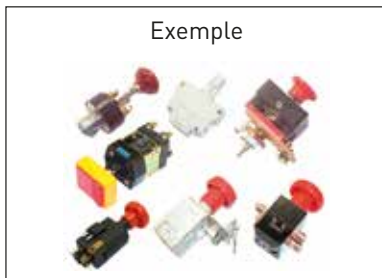
Bestelling

<input type="checkbox"/>	BRAND	.....	Merk van de schakelaar
<input type="checkbox"/>	TYPE	.....	Type van de schakelaar
<input type="checkbox"/>	I	.....	Elektrische stroom (ampère)
<input type="checkbox"/>	U	.....	Hoogste spanning (volt)
<input type="checkbox"/>	KN	.....	Knop aanwezig (ja/nee)
<input type="checkbox"/>	EX-CO	.....	Hulpcontact aanwezig (ja/nee)
<input type="checkbox"/>	BL-OU	.....	Blaasmagneten aanwezig (ja/nee). Indien JA, polariteit (SI-PO) invullen
<input type="checkbox"/>	L0-KE	.....	Vergrendelbaar met sleutel (ja/nee)
<input type="checkbox"/>	Z1	.....	Maximale lengte van de voorzijde
<input type="checkbox"/>	Z2	.....	Maximale lengte van de zijkant
<input type="checkbox"/>	D1	.....	Diameter van de schakelaar, indien rond
<input type="checkbox"/>	H1	.....	Totale hoogte in OFF-stand
<input type="checkbox"/>	H2	.....	Totale hoogte in ON-stand
<input type="checkbox"/>	D2	.....	Diameter van de knop, indien rond
<input type="checkbox"/>	Z3	.....	Grootste lengte van de knop, indien rechthoekig
<input type="checkbox"/>	Z4	.....	Kleinste lengte van de knop, indien rechthoekig
<input type="checkbox"/>	QTY-CO	.....	Totaal aantal aansluitingen
<input type="checkbox"/>	D3	.....	Diameter van de aansluitingsgaten
<input type="checkbox"/>	C	.....	Centerafstand van de aansluitingsgaten
<input type="checkbox"/>	TY-SW	.....	Configuratie van de contacten: SP= <i>enkelpolig</i> DP= <i>dubbelpolig</i>
<input type="checkbox"/>	DUS-COV	.....	Stofplaat (ja/nee)
<input type="checkbox"/>	SI-PO	.....	Kant van polariteit: R = <i>rechts</i> L = <i>links</i>
<input type="checkbox"/>			Enkel van toepassing als blaasmagneten aanwezig zijn (anders 0 invullen). Merklabel vooraan houden en dan ligging van de "+" bepalen (zie figuren).
<input type="checkbox"/>	TEX-TI	.....	Contact met textuur (ja/nee)
<input type="checkbox"/>	ENC-COV	.....	Afgesloten kap (ja/nee)



## ARRET D'URGENCE HAUTE PUISSANCE

Groupe  
**02-03-02-00**



Données client

Type machine : .....

Demande de prix

No. série machine : .....

Commande

<input type="checkbox"/>	BRAND . . . . .	Marque de l'interrupteur
<input type="checkbox"/>	TYPE . . . . .	Type de l'interrupteur
<input type="checkbox"/>	I . . . . .	Ampérage
<input type="checkbox"/>	U . . . . .	Tension maximale (Volt)
<input type="checkbox"/>	KN . . . . .	Bouton présent (oui/non)
<input type="checkbox"/>	EX-CO . . . . .	Contact auxiliaire présent (oui/non)
<input type="checkbox"/>	BL-OU . . . . .	Aimant de soufflage présent (oui/non). Si OUI, indiquer côté de polarité (SI-PO)
<input type="checkbox"/>	L0-KE . . . . .	Vérouillable à clé (oui/non)
<input type="checkbox"/>	Z1 . . . . .	Longueur maximale de la face avant
<input type="checkbox"/>	Z2 . . . . .	Longueur maximale du côté
<input type="checkbox"/>	D1 . . . . .	Diamètre de l'interrupteur, si rond
<input type="checkbox"/>	H1 . . . . .	Hauteur totale en position OFF
<input type="checkbox"/>	H2 . . . . .	Hauteur totale en position ON
<input type="checkbox"/>	D2 . . . . .	Diamètre du bouton, si rond
<input type="checkbox"/>	Z3 . . . . .	Plus grande longueur du bouton, si rectangle
<input type="checkbox"/>	Z4 . . . . .	Plus petite longueur du bouton, si rectangle
<input type="checkbox"/>	QTY-CO . . . . .	Nombre de connexions
<input type="checkbox"/>	D3 . . . . .	Diamètre des trous de connexion
<input type="checkbox"/>	C . . . . .	Entraxe des trous de connexion
<input type="checkbox"/>	TY-SW . . . . .	Configuration des contacts : <i>SP = unipolaire</i> <i>DP = bipolaire</i>
<input type="checkbox"/>	DUS-COV . . . . .	Plaque cache poussière (oui/non)
<input type="checkbox"/>	SI-PO . . . . .	Côté de polarité : <i>R = droit</i> <i>L = gauche</i> Doit être indiqué si le contacteur est muni d'aimants de soufflage (dans le cas contraire, remplir "0"). Tenir le contacteur avec l'étiquette portant la marque devant, puis définir la position du "+" (voir figures)
<input type="checkbox"/>	TEX-TI . . . . .	Pastilles de contacts texturées (oui/non)
<input type="checkbox"/>	ENC-COV . . . . .	Couvercle fermé (oui/non)



TECHNICAL SHEET



TECHNISCHES DATENBLATT

## NOTSTOPSCHALTER HOHE LEISTUNG

Gruppe  
**02-03-02-00**



Kundendaten

Maschinentyp: .....

Preis Anfrage

Serien-Nr. Maschine: .....

Bestellung

<input type="checkbox"/>	BRAND	.....	Marke von dem Schalter
<input type="checkbox"/>	TYPE	.....	Schaltertyp
<input type="checkbox"/>	I	.....	Elektrischer Strom (Ampere)
<input type="checkbox"/>	U	.....	Höchste Spannung (Volt)
<input type="checkbox"/>	KN	.....	Knopf anwesend (ja/nein)
<input type="checkbox"/>	EX-CO	.....	Hilfskontakte anwesend (ja/nein)
<input type="checkbox"/>	BL-OU	.....	Blasmagneten anwesend (ja/nein). Wenn ja, bitte Polarität (SI-PO) angeben
<input type="checkbox"/>	LO-KE	.....	Abschließbar mit Schlüssel (ja/nein)
<input type="checkbox"/>	Z1	.....	Maximale Länge Vorderseite
<input type="checkbox"/>	Z2	.....	Maximale Seitenlänge
<input type="checkbox"/>	D1	.....	Durchmesser von dem Schalter, wenn rund
<input type="checkbox"/>	H1	.....	Gesamthöhe im OFF-Stand
<input type="checkbox"/>	H2	.....	Gesamthöhe im ON-Stand
<input type="checkbox"/>	D2	.....	Knopfdurchmesser, wenn rund
<input type="checkbox"/>	Z3	.....	Größte Knopflänge, wenn rechteckig
<input type="checkbox"/>	Z4	.....	Kleinste Knopflänge, wenn rechteckig
<input type="checkbox"/>	QTY-CO	.....	Gesamtanzahl Anschlüsse
<input type="checkbox"/>	D3	.....	Durchmesser Anschlußlöcher
<input type="checkbox"/>	C	.....	Lochabstand Anschlußlöcher
<input type="checkbox"/>	TY-SW	.....	Polarität: SP = <i>einpolig</i> DP = <i>doppelpolig</i>
<input type="checkbox"/>	DUS-COV	.....	Staubplatte (ja/nein)
<input type="checkbox"/>	SI-PO	.....	Seite Polarität: R = <i>rechts</i> L = <i>links</i> Nur verwendet wenn ein Blasmagnet anwesend ist (anders 0 ausfüllen) Markenetiket nach vorne halten und dann die Lage von dem "+" bestimmen (siehe Figur)
<input type="checkbox"/>	TEX-TI	.....	Textured tips (ja/nein)
<input type="checkbox"/>	ENC-COV	.....	Geschlossene Haube (ja/nein)

# EMERGENCY SWITCHES



**Used on: Albright**

<b>ED80-10</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	80	48	59 mm 46 mm	123 mm 128 mm	2 connections.	<a href="#">165TA3565</a>	<a href="#">107TA1103</a> 
<b>ED80-14</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	80	48	59 mm 46 mm	94 mm 100 mm	2 connections.	<a href="#">165TA3587</a>	<a href="#">165TA3831</a>
<b>ED125</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	125	48	55 mm 43 mm	90 mm 96 mm	2 connections. Fitted with fixed contacts with M6 inserts.	<a href="#">139TA2590</a>	<a href="#">116TA5222</a> 
<b>ED125</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	125	48	55 mm 43 mm	90 mm 96 mm	2 connections.	<a href="#">165TA3612</a>	
<b>ED125</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	125	48	55 mm 43 mm	90 mm 96 mm	2 connections. Fitted with fixed contacts with M8 inserts.	<a href="#">165TA3614</a>	<a href="#">116TA5222</a> 
<b>ED125</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	125	48	55 mm 43 mm	90 mm 96 mm	2 connections. Longer operating shaft than REF 165TA3612.	<a href="#">139TA2588</a>	<a href="#">116TA5222</a> 
<b>ED125</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	125	48	55 mm 43 mm	94 mm 100 mm	2 connections.	<a href="#">139TA2592</a>	<a href="#">139TA2561</a> 
<b>ED125</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	125	48	55 mm 43 mm	100 mm 107 mm	2 connections. Lockable.	<a href="#">165TA3592</a>	<a href="#">165TA3819</a> 

# EMERGENCY SWITCHES



Used on: Albright							
<b>ED125</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	125	48	55 mm 43 mm	100 mm 107 mm	2 connections. Non-lockable.	<a href="#">107TA1102</a>	<a href="#">165TA3819</a> 
<b>ED125</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	125	48	55 mm 43 mm	100 mm 107 mm	2 connections. Non-lockable, with dust plate.	<a href="#">139TA2595</a>	<a href="#">107TA1103</a> 
<b>ED125</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	125	48	55 mm 43 mm	100 mm 107 mm	2 connections. Diameter connection: 7 mm.	<a href="#">165TA3621</a>	<a href="#">165TA3819</a> 
<b>ED125</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	125	48	55 mm 43 mm	105 mm 110 mm	2 connections.	<a href="#">165TA3588</a>	<a href="#">139TA2561</a> 
<b>ED125A</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	125	48	55 mm 43 mm	117 mm 123 mm	4 connections.	<a href="#">165TA3628</a>	<a href="#">116TA5222</a> 
<b>ED125A</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	125	48	55 mm 43 mm	122 mm 128 mm	6 connections.	<a href="#">165TA3542</a>	<a href="#">165TA3819</a> 
<b>ED125A</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	125	48	55 mm 43 mm	130 mm 136 mm	6 connections.	<a href="#">165TA3615</a>	<a href="#">165TA3819</a> 
<b>ED125B</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	125	96	55 mm 43 mm	102 mm 109 mm	2 connections.	<a href="#">165TA3543</a>	<a href="#">165TA3820</a> 

# EMERGENCY SWITCHES



**Used on: Albright**




Image	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
<b>ED150</b> Single-pole 	150	48	50 mm 43 mm	101 mm 108 mm	2 connections.	<a href="#">165TA3551</a>	<a href="#">165TA3819</a> 
<b>ED250</b> Single-pole 	250	48	62 mm 55 mm	121 mm 132 mm	2 connections.	<a href="#">165TA3578</a>	<a href="#">139TA2555</a> 
<b>ED250</b> Single-pole 	250	48	62 mm 64 mm	114 mm 125 mm	2 connections. With dust plate, without textured contact tip, without enclosed cover.	<a href="#">165TA3601</a>	<a href="#">165TA3819</a> 
<b>ED250</b> Single-pole 	250	48	62 mm 64 mm	114 mm 125 mm	2 connections. Without dust plate, without textured contact tip, with enclosed cover.	<a href="#">165TA3538</a>	<a href="#">107TA1103</a> 
<b>ED250</b> Single-pole 	250	48	62 mm 64 mm	114 mm 125 mm	2 connections. Lockable with key.	<a href="#">107TA1100</a>	<a href="#">165TA5003</a>
<b>ED250</b> Single-pole 	250	48	62 mm 64 mm	114 mm 125 mm	2 connections. With enclosed cover.	<a href="#">165TA3582</a>	<a href="#">165TA3819</a> 
<b>ED250</b> Single-pole 	250	48	62 mm 64 mm	114 mm 125 mm	2 connections. Without dust plate, without textured contact tip, without enclosed cover.	<a href="#">139TA5973</a>	<a href="#">107TA1103</a> 
<b>ED250</b> Single-pole 	250	96	62 mm 55 mm	121 mm 132 mm	2 connections.	<a href="#">165TA3547</a>	<a href="#">139TA2555</a> 

# EMERGENCY SWITCHES



EMERGENCY SWITCHES










## Used on: Albright

<b>ED250</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	250	96	62 mm 64 mm	114 mm 125 mm	2 connections. Without blowout magnets.	<a href="#">165TA3597</a>	<a href="#">107TA1103</a> 
<b>ED250</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	250	96	62 mm 64 mm	114 mm 125 mm	2 connections. With blowout magnets on the right.	<a href="#">165TA3593</a>	<a href="#">165TA3819</a> 
<b>ED250</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	250	96	62 mm 64 mm	114 mm 125 mm	2 connections. With blowout magnets on the left.	<a href="#">165TA3605</a>	<a href="#">107TA1103</a> 
<b>ED250</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	250	96	62 mm 64 mm	125 mm 135 mm	2 connections.	<a href="#">165TA3567</a>	<a href="#">107TA1103</a> 
<b>ED250</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	250	96	62 mm 101 mm	141 mm 152 mm	2 connections.	<a href="#">165TA3599</a>	<a href="#">139TA2553</a> 
<b>ED250</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	250	96	63 mm 65 mm	111 mm 123 mm	2 connections.	<a href="#">165TA3560</a>	<a href="#">165TA3819</a> 
<b>ED250</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	250	96	64 mm 64 mm	114 mm 123 mm	2 connections.	<a href="#">165TA3558</a>	
<b>ED250A</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	250	48	62 mm 64 mm	135 mm 145 mm	6 connections. Different contact spring assembly (higher contact pressure) + different polarity.	<a href="#">165TA3549</a>	<a href="#">165TA3819</a> 

# EMERGENCY SWITCHES














Used on: Albright

<b>ED250A</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	250	48	62 mm 64 mm	135 mm 145 mm	6 connections. Different contact spring assembly + different polarity.	<a href="#">165TA3556</a>	<a href="#">107TA1103</a> 
<b>ED250A</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	250	96	62 mm 64 mm	111 mm 122 mm	6 connections.	<a href="#">165TA3619</a>	<a href="#">165TA4728</a> 
<b>ED250A</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	250	96	62 mm 64 mm	135 mm 145 mm	6 connections. Contacts are different from REF 165TA3606, without enclosed cover.	<a href="#">165TA3564</a>	<a href="#">165TA3819</a> 
<b>ED250A</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	250	96	62 mm 64 mm	135 mm 145 mm	6 connections. Contacts are different from REF 165TA3564, without enclosed cover.	<a href="#">165TA3606</a>	<a href="#">107TA1103</a> 
<b>ED250A</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	250	96	62 mm 64 mm	135 mm 145 mm	6 connections. With enclosed cover.	<a href="#">165TA3616</a>	<a href="#">165TA3819</a> 
<b>ED252</b> Double-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	250	96	62 mm 82 mm	114 mm 125 mm	4 connections. With key, switch type: ED252, without enclosed cover.	<a href="#">107TA1105</a>	<a href="#">165TA5004</a>
<b>ED252</b> Double-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	250	96	62 mm 82 mm	114 mm 125 mm	4 connections. Switch type: ED252, without enclosed cover, different spring than REF 115TA4626.	<a href="#">106TA1209</a>	<a href="#">165TA3830</a>
<b>ED252</b> Double-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	250	96	62 mm 82 mm	114 mm 125 mm	4 connections. Switch type: ED252, without enclosed cover, different spring than REF 106TA1209.	<a href="#">115TA4626</a>	<a href="#">165TA3830</a>

# EMERGENCY SWITCHES


















**Used on: Albright**

<b>ED252</b> Double-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	250	150	62 mm 82 mm	114 mm 125 mm	4 connections.	<a href="#">165TA3583</a>	<a href="#">165TA3830</a>
<b>ED252-4</b> Double-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	250	96	62 mm 82 mm	114 mm 125 mm	4 connections.	<a href="#">165TA3589</a>	<a href="#">107TA1103</a> 
<b>ED252A</b> Double-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	250	96	62 mm 82 mm	135 mm 145 mm	8 connections.	<a href="#">139TA2626</a>	<a href="#">107TA1103</a> 
<b>ED252A</b> Double-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	250	150	62 mm 82 mm	135 mm 146 mm	8 connections.	<a href="#">165TA3571</a>	<a href="#">107TA1103</a> 
<b>SD150A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	125	24	61 mm 50 mm	144 mm 151 mm	8 connections.	<a href="#">139TA2640</a>	<a href="#">139TA2561</a> 
<b>SD150A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	125	24	61 mm 50 mm	149 mm 155 mm	6 connections.	<a href="#">165TA3604</a>	<a href="#">165TA3821</a> 
<b>SD150A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	125	24	61 mm 50 mm	150 mm 155 mm	6 connections. Standard hardware kit.	<a href="#">139TA2635</a>	<a href="#">165TA3821</a> 
<b>SD150A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	125	24	61 mm 50 mm	150 mm 155 mm	6 connections. Special hardware kit.	<a href="#">165TA3598</a>	<a href="#">165TA3751</a> 

# EMERGENCY SWITCHES













**Used on: Albright**

	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
<b>SD150A</b> Single-pole 	125	24	61 mm 50 mm	150 mm 155 mm	6 connections. Standard contact pressure.	<a href="#">165TA3613</a>	<a href="#">107TA1103</a> 
<b>SD150A</b> Single-pole 	125	24	61 mm 50 mm	150 mm 155 mm	6 connections. Higher contact pressure (better contact performance).	<a href="#">112TA5000</a>	<a href="#">107TA1103</a> 
<b>SD150A</b> Single-pole 	125	24	61 mm 50 mm	150 mm 155 mm	6 connections. Same switch as REF <a href="#">112TA5000</a> but screws are 20 mm long instead of 16 mm.	<a href="#">165TA3631</a>	<a href="#">107TA1103</a> 
<b>SD150A</b> Single-pole 	125	24	61 mm 50 mm	155 mm 161 mm	8 connections.	<a href="#">107TA1108</a>	<a href="#">139TA2561</a> 
<b>SD150A</b> Single-pole 	125	24	61 mm 50 mm	164 mm 171 mm	8 connections.	<a href="#">165TA3607</a>	<a href="#">165TA3821</a> 
<b>SD150A</b> Single-pole 	150	24	61 mm 50 mm	149 mm 155 mm	2 connections.	<a href="#">165TA3569</a>	<a href="#">165TA3821</a> 
<b>SD150A-47</b> Single-pole 	125	14	61 mm 50 mm	116 mm 116 mm	6 connections.	<a href="#">165TA3546</a>	
<b>SD200A</b> Single-pole 	200	24	59 mm 68 mm	145 mm 150 mm	8 connections.	<a href="#">165TA3600</a>	<a href="#">107TA1103</a> 

# EMERGENCY SWITCHES


















Used on: **Albright**

<b>SD200A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	200	24	59 mm 74 mm	145 mm 150 mm	8 connections. Pre-fitted operating knob.	<a href="#">165TA3579</a>	<a href="#">165TA3823</a>
<b>SD200A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	200	24	59 mm 74 mm	145 mm 150 mm	8 connections. Operating knob comes separately with a hardware kit.	<a href="#">165TA3624</a>	<a href="#">107TA1103</a> 
<b>SD200A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	200	24	59 mm 76 mm	163 mm 168 mm	11 connections.	<a href="#">165TA3557</a>	<a href="#">165TA5002</a>
<b>SD200A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	200	24	59 mm 82 mm	163 mm 168 mm	11 connections.	<a href="#">165TA3544</a>	<a href="#">107TA1103</a> 
<b>SD200A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	200	24	59 mm 94 mm	147 mm 151 mm	8 connections.	<a href="#">165TA3596</a>	<a href="#">107TA1103</a> 
<b>SD250</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	250	24	62 mm 56 mm	168 mm 174 mm	4 connections.	<a href="#">139TA2647</a>	<a href="#">139TA2555</a> 
<b>SD250-17</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	250	48	62 mm 56 mm	168 mm 174 mm	4 connections.	<a href="#">165TA3537</a>	<a href="#">139TA2555</a> 
<b>SD250A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	250	24	62 mm 56 mm	136 mm 141 mm	6 connections. With textured contact tip.	<a href="#">165TA3555</a>	

# EMERGENCY SWITCHES










**Used on: Albright**

<b>SD250A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b> 6 connections. Without textured contact tips.	<b>REF of complete switch</b> <a href="#">139TA2649</a>	<b>REF button</b> 
	250	24	62 mm 56 mm	136 mm 141 mm			
<b>SD250A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b> 6 connections.	<b>REF of complete switch</b> <a href="#">165TA3625</a>	<b>REF button</b> 
	250	24	62 mm 56 mm	147 mm 153 mm			
<b>SD250A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b> 6 connections. CO-rated coil.	<b>REF of complete switch</b> <a href="#">165TA3610</a>	<b>REF button</b> 
	250	24	62 mm 56 mm	168 mm 174 mm			
<b>SD250A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b> 6 connections. INT-rated coil.	<b>REF of complete switch</b> <a href="#">115TA4627</a>	<b>REF button</b> 
	250	24	62 mm 56 mm	168 mm 174 mm			
<b>SD250A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b> 6 connections. With dust plate.	<b>REF of complete switch</b> <a href="#">165TA3566</a>	<b>REF button</b> 
	250	24	62 mm 56 mm	168 mm 174 mm			
<b>SD250A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b> 6 connections.	<b>REF of complete switch</b> <a href="#">165TA3629</a>	<b>REF button</b> 
	250	48	62 mm 56 mm	136 mm 141 mm			
<b>SD250A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b> 6 connections.	<b>REF of complete switch</b> <a href="#">139TA2650</a>	<b>REF button</b> 
	250	48	62 mm 56 mm	168 mm 174 mm			
<b>SD250A</b> Single-pole 	<b>Current</b> A	<b>Max voltage</b> V	<b>Max length</b> - front side - lateral side	<b>Total height</b> - in OFF pos - in ON pos	<b>Remark</b> 6 connections.	<b>REF of complete switch</b> <a href="#">165TA3545</a>	<b>REF button</b> 
	250	80	62 mm 56 mm	168 mm 174 mm			

# EMERGENCY SWITCHES



EMERGENCY SWITCHES

Used on: Albright							
<b>SD250A</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	250	96	62 mm 56 mm	141 mm 152 mm	6 connections.	<a href="#">165TA3595</a>	<a href="#">139TA2555</a> 
<b>SD300A</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	300	24	61 mm 95 mm	172 mm 177 mm	11 connections.	<a href="#">165TA8451</a>	<a href="#">111TA1103</a> 
<b>SW155</b> Double-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	200	96		155 mm 160 mm	4 connections.	<a href="#">165TA3559</a>	<a href="#">106TA1210</a> 
<b>SW159</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	200	48		156 mm 160 mm	2 connections.	<a href="#">106TA1207</a>	<a href="#">139TA2554</a> 
<b>SW203</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	250	120	72 mm 56 mm	185 mm 190 mm	2 connections.	<a href="#">165TA3552</a>	<a href="#">139TA2554</a> 





Used on: Elektrosistem							
<b>BDS200</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	200		85 mm 49 mm	106 mm 116 mm	2 connections.	<a href="#">165TA8453</a>	
<b>BDS200</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	200		85 mm 49 mm	146 mm 158 mm	5 connections.	<a href="#">165TA8452</a>	
<b>BDS200</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	200		86 mm 49 mm	114 mm 124 mm	2 connections.	<a href="#">165TA8450</a>	<a href="#">165TA3829</a>
Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	150	48	80 mm 34 mm	88 mm 95 mm	2 connections.	<a href="#">165TA3622</a>	<a href="#">139TA2556</a> 

# EMERGENCY SWITCHES









EMERGENCY SWITCHES

Used on: Harellet							
Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	150	48	46 mm 42 mm	95 mm 100 mm	2 connections.	<a href="#">106TA1220</a>	<a href="#">107TA1109</a> 
Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	150	48	46 mm 42 mm	95 mm 101 mm	2 connections.	<a href="#">165TA3608</a>	<a href="#">107TA1111</a> 
Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	150	48	46 mm 42 mm	100 mm 105 mm	2 connections.	<a href="#">107TA1112</a>	<a href="#">139TA2561</a> 
Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	150	48	62 mm 46 mm	77 mm 85 mm	2 connections.	<a href="#">165TA3618</a>	<a href="#">116TA5222</a> 
Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	150	48	62 mm 46 mm	95 mm 100 mm	2 connections.	<a href="#">106TA1219</a>	<a href="#">107TA1109</a> 
















Used on: Kissling

 Series 24 Single-pole	Current	Max voltage	Max length	Total height	Remark	REF of complete switch	REF button
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	100	80	65 mm 38 mm	113 mm 120 mm	2 connections. Diameter connection: 9 mm.	<a href="#">124TA1679</a>	<a href="#">112TA5001</a> 
 Series 24 Single-pole	Current	Max voltage	Max length	Total height	Remark	REF of complete switch	REF button
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	300	80	65 mm 38 mm	92 mm 92 mm	2 connections. Diameter connection: 9 mm.	<a href="#">139TA2684</a>	<a href="#">165TA8455</a> 
 Series 24 Single-pole	Current	Max voltage	Max length	Total height	Remark	REF of complete switch	REF button
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	300	80	65 mm 38 mm	112 mm 122 mm	2 connections. Diameter connection: 9 mm.	<a href="#">165TA8445</a>	<a href="#">111TA3904</a> 

# EMERGENCY SWITCHES



Used on: Rema							
<b>190</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	190		70 mm 42 mm	136 mm 148 mm	4 connections.	<a href="#">111TA3902</a>	<a href="#">139TA2564</a> 
<b>DIN80A</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	125		72 mm 69 mm	122 mm 135 mm	2 connections.	<a href="#">107TA1127</a>	<a href="#">139TA2564</a> 
Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	190		70 mm 42 mm	120 mm 132 mm	4 connections.	<a href="#">116TA5384</a>	<a href="#">139TA2564</a> 
Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	300	48	75 mm 38 mm	103 mm 115 mm	2 connections.	<a href="#">165TA8447</a>	<a href="#">139TA2559</a> 
Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	300		75 mm 38 mm	103 mm 115 mm	2 connections.	<a href="#">165TA8446</a>	<a href="#">139TA2564</a> 
Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	300		75 mm 38 mm	110 mm 120 mm	2 connections.	<a href="#">139TA2695</a>	<a href="#">139TA2564</a> 
Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	350	220	47 mm 75 mm	111 mm 124 mm	2 connections.	<a href="#">165TA3548</a>	<a href="#">165TA5005</a> 

# EMERGENCY SWITCHES




Used on: **Schaltbau**

<b>C130/180</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	140	24	89 mm 75 mm	177 mm 184 mm	7 connections.	<a href="#">165TA3609</a>	<a href="#">139TA2562</a> 
<b>C130/250</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	120	48	125 mm 88 mm	155 mm 163 mm	9 connections.	<a href="#">139TA2700</a>	<a href="#">139TA2561</a> 
<b>S132</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	125	48	70 mm 32 mm	109 mm 121 mm	2 connections.	<a href="#">165TA3623</a>	<a href="#">106TA1232</a> 
<b>S132</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	125	48	70 mm 32 mm	119 mm 131 mm	2 connections.	<a href="#">165TA3570</a>	<a href="#">111TA3899</a> 
<b>S132</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	125		70 mm 32 mm	79 mm 91 mm	2 connections. With blowout magnets.	<a href="#">107TA1117</a>	<a href="#">106TA1206</a> 
<b>S132</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	125		70 mm 32 mm	79 mm 91 mm	2 connections. Without blowout magnets.	<a href="#">107TA1118</a>	<a href="#">139TA2564</a> 
<b>S132</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	125		70 mm 32 mm	111 mm 123 mm	2 connections.	<a href="#">139TA5972</a>	<a href="#">139TA2561</a> 
<b>S134</b> Single-pole 	<b>Current</b>	<b>Max voltage</b>	<b>Max length</b>	<b>Total height</b>	<b>Remark</b>	<b>REF of complete switch</b>	<b>REF button</b>
	A	V	- front side - lateral side	- in OFF pos - in ON pos			
	250		70 mm 42 mm	95 mm 107 mm	2 connections.	<a href="#">106TA1233</a>	<a href="#">139TA2561</a> 

# EMERGENCY SWITCHES



EMERGENCY SWITCHES

Used on: Schaltbau							
<b>S134</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	250		70 mm 42 mm	126 mm 139 mm	2 connections.	<a href="#">165TA8443</a>	<a href="#">106TA1232</a> 
<b>S134</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	250		70 mm 42 mm	132 mm 145 mm	2 connections.	<a href="#">165TA8449</a>	<a href="#">139TA2564</a> 
<b>S134</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	250		70 mm 42 mm	177 mm 189 mm	2 connections.	<a href="#">165TA3581</a>	<a href="#">139TA2565</a> 
<b>S134</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	250		70 mm 55 mm	95 mm 107 mm	2 connections.	<a href="#">165TA8444</a>	<a href="#">139TA2561</a> 
<b>S134</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	250		70 mm 63 mm	132 mm 145 mm	2 connections.	<a href="#">165TA8448</a>	
<b>S134</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	250		70 mm 87 mm	132 mm 145 mm	2 connections.	<a href="#">105TA4853</a>	<a href="#">139TA2564</a> 
<b>S134</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	250		70 mm 97 mm	132 mm 145 mm	2 connections.	<a href="#">165TA3572</a>	
<b>S134</b> Single-pole 	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	250		70 mm 97 mm	132 mm 145 mm	5 connections.	<a href="#">139TA2711</a>	<a href="#">139TA2564</a> 

# EMERGENCY SWITCHES



Used on: Schaltbau							
Single-pole	Current A	Max voltage V	Max length - front side - lateral side	Total height - in OFF pos - in ON pos	Remark	REF of complete switch	REF button
	60	36	73 mm 32 mm	77 mm 84 mm	2 connections.	<a href="#">165TA3575</a>	<a href="#">165TA3750</a> 
	200	24	153 mm 83 mm	170 mm 177 mm	12 connections.	<a href="#">165TA3580</a>	<a href="#">165TA3828</a> 
	200	24	153 mm 83 mm	170 mm 177 mm	12 connections.	<a href="#">165TA3539</a>	<a href="#">165TA3828</a> 
	200	24	153 mm 84 mm	169 mm 176 mm	12 connections.	<a href="#">165TA3563</a>	<a href="#">165TA3828</a> 
	250	80	126 mm 89 mm	154 mm 162 mm	9 connections.	<a href="#">165TA3562</a>	<a href="#">139TA2561</a> 



## NOTES

A series of horizontal dotted lines for taking notes.



**MISCELLANEOUS**



## SWITCHES

As you can see on the following pages, we supply more than just micro-, limit, battery, rocker, steering column, emergency and toggle switches.

If you need more info about our miscellaneous switches or want to place an order, please contact your sales advisor.



## PULL SWITCHES





FOOT SWITCHES



PUSH SWITCHES





## ROTARY SWITCHES



## CAM SWITCHES





# WORKSHOP & WAREHOUSE SUPPLIES AND PPE



## CRIMPING PLIERS



- Black lacquered pliers
- Handles with multi-component grips
- Special steel, high-strength
- Length: 240 mm
- Crimping capacity: 0,75 - 6 mm<sup>2</sup>
- For cutting cables, stripping wire and crimping insulated and non-insulated terminals, connectors and plug-type connectors
- With threaded holes for cutting copper and brass screws threaded M2,6 / M3 / M3,5 / M4 and M5
- Bolted joint for higher stability and even movement

REF [142TA1999](#)

## MAINS TESTING SCREWDRIVER



- Slotted screwdriver
- 150-250 V
- Ø: 0,5 - 3,5 mm
- Length: 100 mm, 190 mm with handle

REF [127TA8282](#)

## INSULATION TAPE



- Contains 10 rolls of adhesive PVC insulation tape
- Length: 10 m
- Width: 19 mm

- REF [107TA7668](#) – Black
- REF [106TA9772](#) – Red
- REF [106TA9773](#) – Blue
- REF [106TA9768](#) – Yellow
- REF [106TA9769](#) – White



- Set of 10 insulation tape rolls in different colours
- Length: 10 m
- Width: 19 mm

REF [106TA9775](#) – Mixed colours



## INSULATING AND SEALING WRAP



- Seals immediately
- Can stretch to 3 times its original length
- Withstands extreme conditions: UV-resistant, resistant to salt water, fuels and acids
- Applicable under water
- Non-sticky, self-fusing multipurpose wrap
- Silicone-based
- Width: 2,5 cm
- Length: 4,27 m
- Operating temperature: -54 °C up to +260 °C

REF [165TA8501](#) – Red

REF [165TA8502](#) – Black

## 3-PIECE STEP DRILL SET



- Quiet running and high cutting performance spiral fluted step drills
- Ø: 4-12, 4-20, 4-30 mm
- Size no.: 0/9, 1, 2
- Material: HSS
- Right-hand cut
- In steel case
- Optimised chip flow: protection of the cutting edges and reduction of built-up edges and cold weld marks
- The cone makes it easier to withdraw the tool from the material

REF [143TA3171](#)

## 44-PIECE THREAD-CUTTING TOOL



Contains:

- Hand tap set containing 3 pieces of following sizes (DIN 352): M3 - M4 - M5 - M6 - M8 - M10 - M12
- 7 twist drills (DIN 338 - type N) with diameter: 2,5 - 3,3 - 4,2 - 5,0 - 6,8 - 8,5 - 10,2 mm
- 7 dies (DIN EN 22568) in sizes: M3 - M4 - M5 - M6 - M8 - M10 - M12
- 5 die stocks (DIN 225) in sizes 20,0 x 5,0 mm - 20,0 x 7,0 mm - 25,0 x 9,0 mm - 30,0 x 11,0 mm - 38,0 x 14,0 mm
- 2 tap wrenches (DIN 1814): size 1 and 2
- 1 screwdriver
- 1 screw-pitch gauge
- Material: HSS
- Right-hand cut
- In steel case

REF [142TA7892](#)



## SOLDERING WIRE



- Material: tin-lead alloy
- Diameter: 2 mm
- Weight: 1 kg

REF [107TA7578](#)

## SOLDERING IRON



- Pointed soldering bolt
- Power: 40 W
- Voltage: 230 V
- Length of the cable: 1200 mm
- European plug, type C contour plug

REF [145TA8749](#)

## HEAT GUN



- Pos 1: 2402 l/min: 300 °C
- Pos 2: 4502 l/min: 500 °C

- Power: 1600 W
- Voltage: 230 V
- Can be used with gun placed vertically on the worktop
- European plug, type C contour plug

REF [127TA9779](#)

## ELECTRONIC PROTECTION SEALANT - CALSIL PASTE T30 - SILICONE PASTE



- Electronic protection sealant
- Contains zinc oxide as filler
- Production of thermal seals for gauges and sensors
- Good consistency from -50 °C to +300 °C
- Good thermal conductivity properties
- Good thermal dissipation
- Chemically inert
- Good dielectric properties
- Contents: 200 g

REF [106TA1493](#)



## CONTACT CLEANER



Residue-free contact cleaner for use on PCBs and electronic equipment

- Contents: 500 ml
- NSF: K2 - Reg n° 140234
- Non-conductive and non-corrosive
- Fast-drying
- Leaves no residue

REF [163TA7890](#)

## CONTACT CLEANER



High-quality spray designed to clean electrical contacts such as switches, batteries, terminals, printed circuit board switches and multiple sockets

- Contents: 400 ml
- Non-conductive and non-corrosive
- High dissolving properties
- Leaves no residue
- Excellent price/quality ratio

REF [107TA1815](#)

## 2-26 ELECTRO



Maintenance and protection spray for all electrical equipment

- Contents: 500 ml
- Displaces and seals out water and moisture
- Test on sensitive or stressed materials before use
- Prevents corrosion and oxidation
- Penetrates and lubricates
- Repels humidity after water damage

REF [143TA6919](#)

## LOCTITE 243 - THREADLOCKING ADHESIVE



Medium-strength threadlocker

- Max thread size M36
- Operating temperature: -55 °C up to +180 °C
- NSF: P1 - Reg n° 123000
- General purpose
- Suitable for all metal threaded assemblies
- Prevents loosening due to vibration
- Permits disassembly with hand tools

REF [165TA1270](#) – 10 ml

REF [107TA8523](#) – 50 ml



## FAST-CURING TWO-COMPONENT ADHESIVE

**LOCTITE**



- Temperature resistance: from -40 °C to +100 °C
- Contents: 11 g
- Gap fill: up to 5 mm
- Processing time: 3 - 4 minutes
- Conditions: perfect in humid conditions: temperature and moisture-resistant and resistant to UV radiation and chemicals
- Gel-based: non-drip formula allowing for vertical and overhead application
- Applications: excellent bonding of all common substrates: metals, most plastics, rubber, wood, paper ...
- Amount of nozzles included: 4

REF [165TA3768](#) – Loctite HY 4070

## FAST-CURING TWO-COMPONENT ADHESIVE

**LOCTITE**



- Temperature resistance: from -20 °C to +80 °C
- Contents: 11 g
- Gap fill: up to 5 mm
- Processing time: 90 seconds
- Conditions: for indoor use: perfect for all quick repairs of broken plastic parts and all types of emergency repairs
- Gel-based: non-drip formula allowing for vertical and overhead application
- Applications: excellent bonding of all common substrates: metals, most plastics, rubber, wood, paper ...
- Amount of nozzles included: 7

REF [165TA1300](#) – Loctite 3090



## REPLACEMENT NOZZLES

**LOCTITE**



- Bag with 10 mixing tips for Loctite 3090 and Loctite HY 4070
- Provides precise and clean application

REF [165TA2350](#)

## BLACK WORKEASY GLOVES

**Honeywell**



Suitable for precision work and fine handling in a dry environment

**Applications:**

- Assembly and electrical components (semi-conductors, microprocessors)
- Separation of small items (household appliances, automotive industry, nuts and bolts)
- Electronics

**Advantages:**

- Exceptional dexterity and breathability
- PU-coated glove without silicone on palm and fingertips ensures good grip
- Offers maximum comfort and added sturdiness
- Good abrasion and tear resistance
- Tight knit: limits the penetration of dirt and offers a good touch

**Standard:**

- Cat II
- EN 420
- EN 388:3121

REF [143TA6973](#) – Size: 6

REF [143TA6974](#) – Size: 7

REF [143TA6975](#) – Size: 8

REF [143TA6976](#) – Size: 9

REF [143TA6977](#) – Size: 10

REF [143TA6978](#) – Size: 11







# TVH PARTS HOLDING AROUND THE WORLD



**AUSTRALIA**  
**TVH AUSTRALIA PTY LTD**  
 Dandenong South (Melbourne, Victoria) -  
 Richlands (Brisbane, Queensland) -  
 Welshpool (Perth, West Australia) -  
 Wetherill Park (Sydney, New South Wales) -  
 Wingfield (Adelaide, South Australia)

**BELGIUM**  
**TVH PARTS HOLDING NV**  
 Waregem  
**TVH PARTS NV**  
 Waregem  
**BEPCO PARTS SA**  
 Villers-le-Bouillet - Hermalle-sous-Huy

**BRASIL**  
**TVH DO BRAZIL LTDA**  
 Vinhedo

**BULGARIA**  
**TVH BULGARIA LTD**  
 Ruse

**CANADA**  
**TVH CANADA LTD**  
 Mississauga (Ontario) - Port Coquitlam (British Columbia)

**CHINA**  
**TVH TRADING (SHANGHAI) CO, LTD**  
 Shanghai - Tianjin

**FRANCE**  
**TVH FRANCE SASU**  
 Wattrelos  
**FRANCE HAYON SERVICE SAS**  
 Châteaubourg  
**GLACES DISTRIBUTION INTERNATIONALE - G.D.I. SAS**  
 Beaufort-en-Vallée  
**BEPCO FRANCE**  
 Agen - Jazé - Villeneuve-sur-Lot

**GERMANY**  
**TVH DEUTSCHLAND GMBH**  
 Soest  
**BEPCO DEUTSCHLAND GMBH**  
 Soest  
**GLASSINTER GMBH**  
 Kirchheim unter Teck

**INDIA**  
**TVH INDIA PVT LTD**  
 Pune

**ITALY**  
**TVH ITALIA SRL**  
 Marano Ticino (Novara) - Settimo Torinese (Torino)  
**CAM SRL**  
 Marano Ticino (Novara)  
**ULIVIERI GSE SRL**  
 Massarosa - Marano Ticino (Novara) -  
 Settimo Torinese (Torino) - Frumucino (Rome)

**MALAYSIA**  
**TVH MALAYSIA SDN BHD**  
 Johor Bahru - Shah Alam (Kuala Lumpur)

**MEXICO**  
**TVH PARTS MEXICO, S. DE R.L. DE C.V.**  
 Cuautitlán Izcalli (Mexico City)

**NETHERLANDS**  
**BEPCO NEDERLAND BV**  
 Heeswijk-Dinther

**NEW ZEALAND**  
**TVH NEW ZEALAND LTD**  
 Christchurch - East Tamaki (Auckland)

**TVH**

**POLAND**  
**TVH POLSKA SP. Z O.O.**  
 Tychy  
**AGRO-JAN SP. Z O.O.**  
 Myslenice  
**AGRO-JAN DYSTRYBUCCJA SP. Z O.O.**  
 Myslenice  
**AGRO-JAN PRODUKCJA SP. Z O.O.**  
 Myslenice

**ROMANIA**  
**AGRO-JAN ROMANIA SRL**  
 Negoesti

**RUSSIA**  
**TVH RUS LLC**  
 Dubrovka (Moscow)

**SINGAPORE**  
**TVH SINGAPORE PTE LTD**  
 Jurong

**SOUTH AFRICA**  
**TVH PARTS SOUTH AFRICA LTD**  
 Durban - Isando (Johannesburg) -  
 Korsten (Port Elizabeth) - Kraaifontein (Cape Town) -  
 Lichtenburg - Richards Bay

**SPAIN**  
**TVH IBERICA 2008 SL**  
 Badalona (Barcelona)  
**COMERCIAL AGRINAVAL SL**  
 Pamplona (Navarra)  
**BEPCO IBERICA SA**  
 Almedralejo (Badajoz) - Badalona (Barcelona) -  
 Dos Hermanas (Sevilla) -  
 Santiago de Compostella (A Coruña) - Zaragoza (Zaragoza)

**BEPCO**

**SWEDEN**  
**TVH NORDIC AB**  
 Ed

**THAILAND**  
**TVH PARTS (THAILAND) LIMITED**  
 Bangkok

**TURKEY**  
**TVH YEDEK PARCA TICARET AŞ**  
 Arnavutköy (Istanbul, European) - Tuzla (Istanbul, Asian)

**UKRAINE**  
**BEPCO UKRAINA SP Z O.O.**  
 Tarnopol

**UNITED ARAB EMIRATES**  
**TVH MIDDLE EAST FZE**  
 Sharjah

**UNITED KINGDOM**  
**TVH UK LIMITED**  
 Coventry  
**RENTACLAMP (COVENTRY) LIMITED**  
 Coventry  
**BEPCO UK LIMITED**  
 Hartlebury

**USA**  
**TVH PARTS CO**  
 Duncan (South Carolina) - Fresno (California) - Grayslake (Illinois) -  
 Harrisburg (Pennsylvania) - Miami (Florida) - Mira Loma (California) -  
 Olathe (Kansas) - Portland (Oregon) - Shreveport (Louisiana)  
**C-TECH INDUSTRIES LLC**  
 West Chester Township (Ohio)  
**SUPERIOR SIGNALS, INC**  
 Olathe (Kansas)  
**FLIGHT SYSTEMS INDUSTRIAL PRODUCTS**  
 Carlisle (Pennsylvania)

## SALES REPRESENTATION IN THE FOLLOWING COUNTRIES:

Albania, Algeria, Austria, Bahrain, Belarus, Benin, Bosnia, Botswana, Canary Islands, Croatia, Cyprus, Denmark, Djibouti, Egypt, Estonia, Finland, Ghana, Greece, Hong Kong, Iceland, Ireland, Kosovo, Kuwait, Latvia, Lesotho, Libya, Lithuania, Macedonia, Malawi, Malta, Morocco, Mauritania, Moldova Republic, Montenegro, Mozambique, Namibia, Nigeria, Norway, Oman, Pakistan, Portugal, Qatar, Saudi Arabia, Serbia, Slovenia, Swaziland, Switzerland, Taiwan, Togo, Tunisia, Ukraine, Yemen, Zambia, Zimbabwe.



www.tvh.com





Go to **downloads** on **www.tvh.com** to find all catalogues.

## Potentiometers & encoders

REF 7835233

Complete range of potentiometers & encoders

## Seats & accessories

REF 27506014

Seat pans, narrow seats, standard seats, universal seats, anti-static & heated seats, accessories and safety systems.



AT YOUR SERVICE  
IN 37 LANGUAGES  
info@tvh.com

REF 33118750 - 10-2019 - edition 1 - LV - Value: € 10,-



# Quality parts cheaper



FOLLOW US



PARTS & ACCESSORIES



COMPANY MOVIE



TVH PARTS NV

Brabantstraat 15 · 8790 Waregem · Belgium  
T +32 56 43 42 11 · F +32 56 43 44 88 · info@tvh.com · www.tvh.com