Printmount Switch Short Stroke 12.7 mm



Printmount Switches
red

See below:
Approvals and Compliances

Description

- Switches are possible with different heights
- High-quality gold and silver contacts
- Solder terminals

Unique Selling Proposition

- Reliable tactile feedback on input
- Simple assembly
- Long life time

Weblinks

pdf data sheet, html datasheet, General Product Information, CAD-Drawings, Product News, Detailed request for product

Technical Data

Electrical Data	
Contact Material Silver	
Switching Voltage	max. 48 VDC
Switching current	max. 125 mA
Rated Switching Capacity	2.4 W
Lifetime	> 1 million actuations at Rated Switching Capacity
Contact Resistance	< 50 mΩ
	< 50 mΩ after lifetime
Insulation Resistance	> 100 MΩ
Duration of Bounce	typ. 0.1 ms
Contact Material Gold	
Switching Voltage	max. 24 VDC
Switching current	max. 50 mA
Rated Switching Capacity	0.48 W
Lifetime	> 1 million actuations at Rated Switching Capacity
Contact Resistance	< 50 mΩ
	< 50 mΩ after lifetime
Insulation Resistance	> 100 MΩ
Duration of Bounce	typ. 0.1 ms

Mechanical Data	
Actuating Force	2.5 ± 0.5 N
Actuating Travel	0.45 ± 0.1 mm
End Stop Strength	> 50 N
Lifetime	> 1 million actuations
Climatical Data	
Operating Temperature	-25 °C to 85 °C
Storage Temperature	-25 °C to 85 °C
IP-Protection	IP40
Other Data	
Contact Material	Ag / Au
Soldering Data	
Solderability	235 °C / 2 sec (IEC 60068-2-20 Test Ta Method 1)
Resistance to Soldering Heat	260 °C / 5 sec (IEC 60068-2-20 Test Tb Method 1A)
Material	
Sealing membrane IP67	VMQ
Contact Material Gold	CuZn37 3µm Ni 2 µm Au
Contact Material Silver	CuZn37 2,5 µm Au passivated
Socket	Thermoplastic (PA 66)
Actuator	Thermoplastic (PC)
Elongated Button	Thermoplastic (PC)

Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in Details about Approvals

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

Application standards

Application standards where the product can be used

Organization	Design	Standard	Description
IEC	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

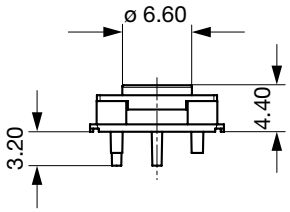
Compliances

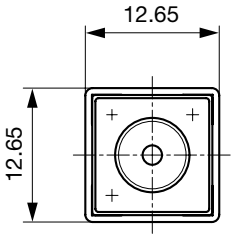
The product complies with following Guide Lines

Identification	Details	Initiator	Description
	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

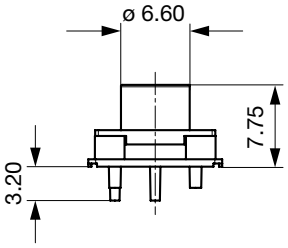
Dimension [mm]

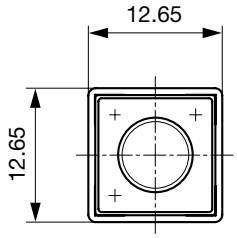
Short actuator



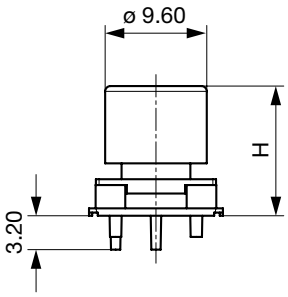


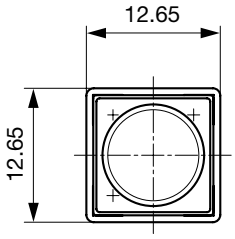
Long actuator

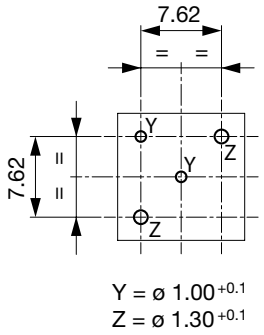




Height variable actuator

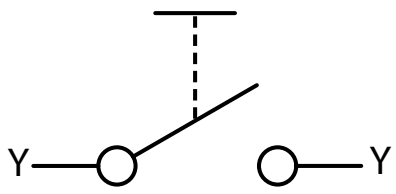






Drilling diagram

Diagrams



All Variants

Kontakte	Type	Overall height / Color	Overall height [1]/ Color	Bestellnummer	
Au	Long actuator	-	-	1241.1022	▮
Au	Height variable	10.75 mm / blue	-	1241.1032.4	▮
Ag	Short actuator	-	-	1241.1052	▮
Ag	Long actuator	-	-	1241.1072	▮
Ag	Height variable	8.50 mm / yellow	-	1241.1082.1	▮
Ag	Height variable	-	14.50 mm / yellow + black	1241.1082.11	
Ag	Height variable	9.25 mm / orange	-	1241.1082.2	▮
Ag	Height variable	10.00 mm / red	-	1241.1082.3	▮
Ag	Height variable	10.75 mm / blue	-	1241.1082.4	▮
Ag	Height variable	-	16.75 mm / blue + black	1241.1082.41	
Ag	Height variable	11.50 mm / green	-	1241.1082.5	▮
Ag	Height variable	13.75 mm / white	-	1241.1082.8	▮

[1] Starting with 14.50 mm the heights are achieved with an additional (second) cap of black color

▮ Most Popular.

Availability for all products can be searched real-time:https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER

Packaging unit 100 pcs

17.08.2022

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability and test each product selected for their own applications.