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Printmount Switch, Medium Stroke, 7.5 mm



See below:
Approvals and Compliances

Description

- Available with various actuator colors
- High switching capacity
- Optional retaining bracket

Unique Selling Proposition

- Different contacting materials for different applications
- High life time thanks to high quality materials
- Suitable for PCB mounting

Weblinks

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

Technical Data

Electrical Data	
Switching Voltage	max. 48 VAC/ 48 VDC
Lifetime	> 100'000 actuations at Rated Switching Capacity
Insulation Resistance	> 1000 MΩ
Contact Material Silver	
Switching current	AC: 2 A / DC: 1.2 A
Contact Resistance	< 10 mΩ
Contact Material Gold	
Switching current	80 mA
Contact Resistance	< 20 mΩ
Mechanical Data	
Actuating Force	3 - 5 N
Actuating Travel	2.4 ± 0.3 mm
End Actuating Travel	3.3 ± 0.4 mm
End Stop Strength	> 100 N
Lifetime	> 200'000 actuations

Climatical Data	
Operating Temperature	-40 °C - 85 °C
Storage Temperature	-40 °C - 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 1A)
Resistance to Soldering Heat	260 °C / 5 sec (IEC 60068-2-20 Test Tb Method 1)
Material	
Socket	Thermoplastic (PC)
Button	Thermoplastic (PC)
Contact	gold (2µm Au on hard silver)

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

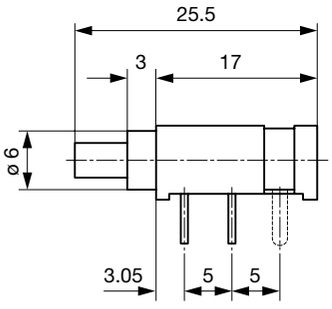
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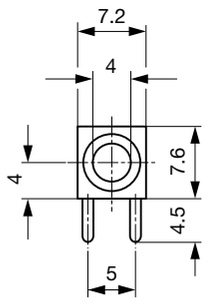
Compliances

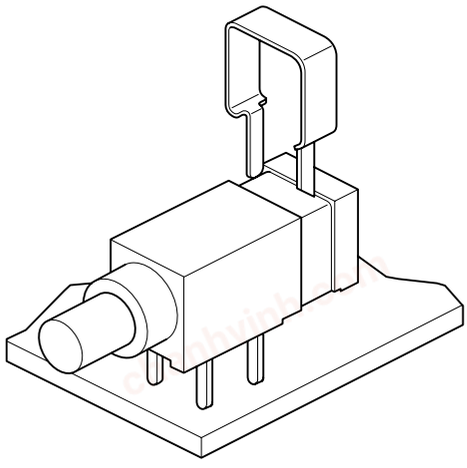
The product complies with following Guide Lines

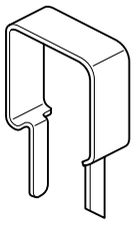
Identification	Details	Initiator	Description
	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
	REACH	SCHURTER AG	On 1 June 2007, Regulation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

Dimension [mm]

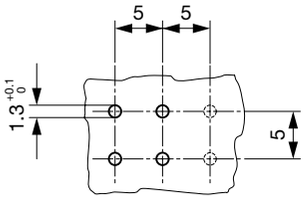






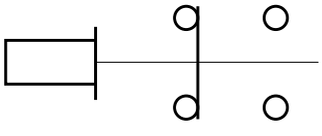


The optional retaining bracket has to be ordered separately



Drilling diagram

Diagrams



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Order number key

S	D	K	-	AG	-	T	-	1	-	GN
1				2		3		4		5

Type			1
SDK	=	SDK	

Contact material			2
Silver	=	AG	
Gold	=	AU	

Soldering type			3
THT	=	T	

Terminal type			4
Straight	=	1	

Actuator Color			5
Black	=	BK	
Green	=	GN	
Red	=	RD	
Blue	=	BL	

Variants

Designation	Kontakte	Color Button	Bestellnummer
SDK SWITCH O+S SW	Ag	black	0041.0401
SDK SWITCH O+S RT	Ag	red	0041.0402
SDK SWITCH O+S GN	Ag	green	0041.0403
SDK SWITCH O+S SW	Au	black	0041.0411
SDK SWITCH O+S RT	Au	red	0041.0412
SDK SWITCH O+S GN	Au	green	0041.0413
RETAINING BRACKET SDK	-	-	0701.0049

Availability for all products can be searched real-time: https://www.schurter.com/en/info-center/support-tools/stock-check-distributors

Packaging unit 100 pcs

02.09.2025

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.