

EF103.1

- **Screw connection**
- **Mounting flange position 1**
- **11-12; 23-24 (Contact labelling)**

Data

Ordering data	
Product type description	EF103.1
Article number (order number)	101006547
EAN (European Article Number)	4250116201273
eCl@ss number, Version 9.0	27-37-13-02
Certifications	
Certificates	cULus CCC EAC
General data	
Product name	Contact element EF
Standards	EN 60947-5-1 IEC/EN 60947-1
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the contacts, electrical	Silver
Contact labelling	11-12 23-24
Gross weight	20 g
General data - Features	
Number of openers	1
Number of shutters	1

Mechanical data	
Installation instructions	pluggable
Mechanical life, minimum	10,000,000 Operations
positive break travel	2 mm
Contact opening	3 mm NO 1 mm NC
Note Bounce duration	Bounce duration at an Actuating speed of 100mm/s
Mounting flange position	1
Mechanical data - Connection technique	
Terminal Connector	Screw connection
Cable section, minimum	0.5 mm², rigid 0.5 mm², flexible
Cable section, maximum	2.5 mm², rigid 1.5 mm², flexible
Note (Cable section)	All indications about the cable section are including the conductor ferrules.
Mechanical data - Dimensions	
Width	10 mm
Length	46 mm
Depth	60 mm
Ambient conditions	
Protection class of the Switch rooms	IP40
Protection class of Clips or Terminals	IP20
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+80 °C
Restistance to shock	110 g / 4 ms
Resistant to vibration	Resistance to vibration: 20 g / 10…200 Hz
Electrical data	
Thermal test current	10 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	8 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	5 A
Suitable for low-voltages	≥ 5 V / ≥ 3.2 mA
Switching element	NC contact, NO contact
Switching principle	Slow action
Bounce duration, maximum	5 ms

Switching frequency	1,200 /h

Documents

UL Certificate

(413,7 kB, 01.08.2019)

CCC certification

(1,4 MB, 10.05.2019, Revision B)

EAC certification

Pictures

Product picture (catalogue individual photo)



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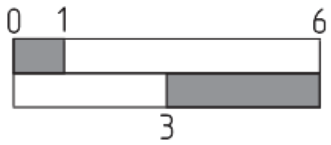
| 40,3 kB | .png | 73.731 x 88.547 mm - 209 x 251 Pixel - 72 dpi
| 500,0 kB | .jpg | 352.425 x 422.981 mm - 999 x 1199 Pixel - 72 dpi
| 63,6 kB | .jpg | 27.009 x 32.427 mm - 319 x 383 Pixel - 300 dpi

Switch travel diagram



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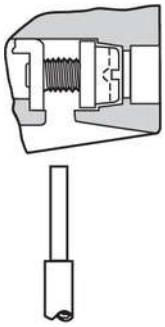
| 19,0 kB | .cdr |
| 1,2 kB | .png | 74.083 x 31.044 mm - 210 x 88 Pixel - 72 dpi
| 10,1 kB | .jpg | 112.889 x 47.272 mm - 320 x 134 Pixel - 72 dpi

Operating principle



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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.
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