

EF10.1

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

Data

Ordering data	
Product type description	EF10.1
Article number (order number)	101006535
EAN (European Article Number)	4250116201112
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
Gross weight	20 g
General data - Features	
Number of openers	1
Mechanical data	
Installation instructions	pluggable

Mechanical life, minimum	10,000,000 Operations
positive break travel	2 mm
Contact opening	1 mm
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	Opener (NC)
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

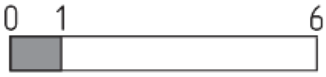
Product picture (catalogue individual photo)



ID: kef1kf01

| 36,1 kB | .png | 73.731 x 88.547 mm - 209 x 251 Pixel - 72 dpi
| 55,1 kB | .jpg | 27.009 x 32.427 mm - 319 x 383 Pixel - 300 dpi
| 452,3 kB | .jpg | 352.425 x 422.981 mm - 999 x 1199 Pixel - 72 dpi

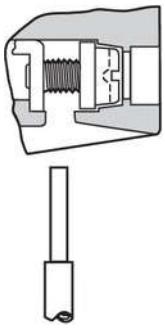
Switch travel diagram



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| 1.020,0 b | .png | 74.083 x 16.933 mm - 210 x 48 Pixel - 72 dpi
| 18,5 kB | .cdr |
| 8,0 kB | .jpg | 112.889 x 25.753 mm - 320 x 73 Pixel - 72 dpi

Operating principle



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| 19,5 kB | .cdr |

K.A. Schmersal GmbH & Co. KG, Möddinghofe 3, D-42279 Wuppertal
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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