

EF033.1

- **Screw connection**
- **Mounting flange position 1**
- **Suitable for EMERGENCY-OFF**
- **13-14; 23-24 (Contact labelling)**

Data

Ordering data	
	EF033.1
	101006544
EAN (European Article Number)	4250116201242
eCl@ss number, Version 9.0	27-37-13-02
Approval - Standards	
	cULus CCC EAC
General data	
Product name	Contact element EF
	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	23-24
Gross weight	35 g
General data - Features	
Suitable for EMERGENCY-OFF	Yes
Number of shutters	2

Mechanical data	
Installation instructions	pluggable
Mechanical life, minimum	10,000,000 Operations
positive break travel	2 mm
Contact opening	3 mm
Note Bounce duration	Bounce duration at an Actuating speed of 100mm/s
	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	
	IP40
	IP20
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+80 °C
	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
	≥ 5 V / ≥ 3.2 mA
Switching element	Normally open contact (NO)
Switching principle	Slow action
Bounce duration, maximum	5 ms

Switching frequency	1,200 /h

Pictures

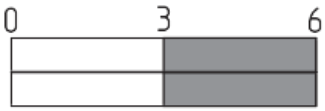
Photo/Product/Catalogue



ID: kef03f03

| 41,1 kB | .png | 73.731 x 88.547 mm - 209 x 251 Pixel - 72 dpi
| 498,0 kB | .jpg | 352.425 x 422.981 mm - 999 x 1199 Pixel - 72 dpi

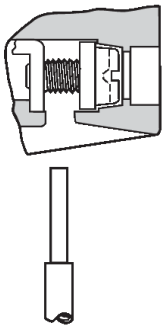
Diagramm/Product/Travel



ID: krf--s05

| 18,9 kB | .cdr |
| 1,1 kB | .png | 74.083 x 24.694 mm - 210 x 70 Pixel - 72 dpi
| 29,6 kB | .jpg | 352.778 x 118.181 mm - 1000 x 335 Pixel - 72 dpi

Illistration/Product/Function



ID: krf--a05

| 189,7 kB | .jpg | 352.778 x 711.2 mm - 1000 x 2016 Pixel - 72 dpi
| 19,5 kB | .cdr |
| 3,7 kB | .png | 74.083 x 149.225 mm - 210 x 423 Pixel - 72 dpi

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.
Generated on 402021-01-31T14:19:40+01:000201Europe/BerlinSun, 31 Jan 2021 14:19:40 +010040pmSunday.31pm31Europe/BerlinCET1901Europe/BerlinJanuary2021Sun, 31 Jan 2021 14:19:40 +010001pm31