



## EF03.1

- **Screw connection**
- **13-14 (Contact labelling)**
- **Mounting flange position 1**

## Data

### Ordering data

Product type description	EF03.1
Article number (order number)	101006538
EAN (European Article Number)	4250116201181
eCl@ss number, Version 9.0	27-37-13-02

### Approval - Standards

Certificates	cULus CCC EAC
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### 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	13-14
Gross weight	20 g

### General data - Features

Suitable for EMERGENCY-OFF	Yes
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
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 mm <sup>2</sup> , rigid 0.5 mm <sup>2</sup> , flexible
Cable section, maximum	2.5 mm <sup>2</sup> , rigid 1.5 mm <sup>2</sup> , 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	Normally open contact (NO)
Switching principle	Slow action
Bounce duration, maximum	5 ms

Switching frequency

1,200 /h

## Pictures

### Product picture (catalogue individual photo)



ID: kef03f01

| 461,1 kB | .jpg | 352.425 x 422.981 mm - 999 x 1199

Pixel - 72 dpi

| 37,9 kB | .png | 73.731 x 88.547 mm - 209 x 251

Pixel - 72 dpi

### Switch travel diagram



ID: krf--s02

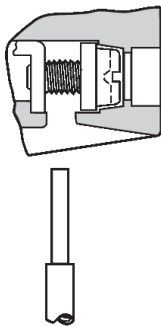
| 1,0 kB | .png | 74.083 x 16.933 mm - 210 x 48 Pixel -  
72 dpi

| 21,2 kB | .jpg | 352.778 x 80.433 mm - 1000 x 228

Pixel - 72 dpi

| 18,7 kB | .cdr |

### Operating principle



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| 3,7 kB | .png | 74.083 x 149.225 mm - 210 x 423

Pixel - 72 dpi

| 189,7 kB | .jpg | 352.778 x 711.2 mm - 1000 x 2016

Pixel - 72 dpi

| 19,5 kB | .cdr |

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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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