



## EF033.1

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

## Data

### Ordering data

Product type description	EF033.1
Article number (order number)	101006544
EAN (European Article Number)	4250116201242
eCl@ss number, version 12.0	27-37-13-02
eCl@ss number, version 11.0	27-37-13-02
eCl@ss number, version 9.0	27-37-13-02
ETIM number, version 7.0	EC000041
ETIM number, version 6.0	EC000041

### Approvals - Standards

Certificates	cULus
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### General data

Standards	EN IEC 60947-5-1 EN IEC 60947-1
Versions	Contact element
Design	Slow action

Housing material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Gross weight	23 g

### General data - Features

Suitable for EMERGENCY-OFF	Yes
Number of normally open (NO)	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
Mounting flange position	1

### Mechanical data - Connection technique

Termination	Screw terminals
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	All indications including the conductor ferrules.

### Mechanical data - Dimensions

Length	46 mm
Width	10 mm
Depth	60 mm

### Ambient conditions

Degree of protection of the switch rooms	IP40
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Degree of protection of clips or terminals	IP20
Ambient temperature	-25 ... +80 °C
Restistance to shock	110 g / 4 ms
Resistant to vibration	Resistance to vibration: 20 g / 10...200 Hz

### Ambient conditions - Insulation values

Rated insulation voltage $U_i$	400 V
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### 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	$\geq 5 \text{ V} / \geq 3.2 \text{ mA}$
Switching element	Normally open contact (NO)
Switching principle	Slow action
Bounce duration, maximum	5 ms
Maximum switching frequency	1,200 /h
Material of the contacts, electrical	Silver
Contact labelling	13-14 23-24

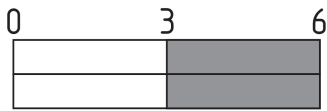
## Pictures

### Product picture (catalogue individual photo)



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 | 286.5 kB | .jpg | 352.778 x 352.778 mm - 1000 x 1000 px - 72 dpi  
 | 35.5 kB | .png | 74.083 x 74.083 mm - 210 x 210 px - 72 dpi  
 | 46.3 kB | .jpg | 123.472 x 123.472 mm - 350 x 350 px - 72 dpi

## Switch travel diagram



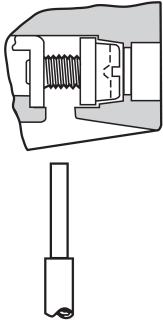
ID: krf--s05

| 18.9 kB | .cdr |

| 1.1 kB | .png | 74.083 x 24.694 mm - 210 x 70 px - 72 dpi

| 29.6 kB | .jpg | 352.778 x 118.181 mm - 1000 x 335 px - 72 dpi

## Operating principle



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| 19.5 kB | .cdr |

| 189.7 kB | .jpg | 352.778 x 711.2 mm - 1000 x 2016 px - 72 dpi

| 3.7 kB | .png | 74.083 x 149.225 mm - 210 x 423 px - 72 dpi

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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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