



EF220.1

- **Screw connection**
- **Mounting flange position 1**
- **Suitable for EMERGENCY-OFF**
- **11-12; 21-22 (Contact labelling)**

Data

Ordering data

	EF 220.1
	101023927
EAN (European Article Number)	4250116201365
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	21-22
Gross weight	20 g

General data - Features

Suitable for EMERGENCY-OFF	Yes
Number of openers	2

Mechanical data

Installation instructions	pluggable
Mechanical life, minimum	10,000,000 Operations
positive break travel	2 mm
Contact opening	2 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 mm ² , rigid 0.5 mm ² , flexible
Cable section, maximum	2.5 mm ² , rigid 1.5 mm ² , 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	Opener (NC)
Switching principle	Slow action
Bounce duration, maximum	5 ms

Switching frequency

1,200 /h

Pictures

Photo/Product/Catalogue



ID: kef22f01

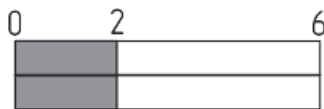
| 40,9 kB | .png | 73.731 x 88.547 mm - 209 x 251

Pixel - 72 dpi

| 497,4 kB | .jpg | 352.425 x 422.981 mm - 999 x 1199

Pixel - 72 dpi

Diagramm/Product/Travel



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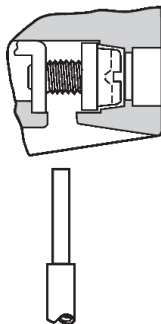
| 18,8 kB | .cdr |

| 1,1 kB | .png | 74.083 x 24.694 mm - 210 x 70 Pixel -
72 dpi

| 29,0 kB | .jpg | 352.778 x 118.181 mm - 1000 x 335

Pixel - 72 dpi

Illustration/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

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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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