



## EF220.1

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

## Data

### Ordering data

EAN (European Article Number)	4250116201365
eCl@ss number, Version 9.0	27-37-13-02
eCl@ss number, Version 11.0	27-37-13-02
ETIM number, version 6.0	EC000041

### Approval - Standards

Certificates	cULus CCC EAC
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### General data

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 21-22

Gross weight	20 g
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### 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
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

Length	46 mm
Width	10 mm
Depth	60 mm

### Ambient conditions

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

### Ambient conditions - Insulation value

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	Opener (NC)
Switching principle	Slow action
Bounce duration, maximum	5 ms
Switching frequency	1,200 /h

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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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