



EF10.3

- Screw connection
- Mounting flange position 3
- 31-32 (Contact labelling)

Data

Ordering data

Product type description	EF10.3
Article number (order number)	101006537
EAN (European Article Number)	4250116201136
eCl@ss number, version 9.0	27-37-13-02
eCl@ss number, version 11.0	27-37-13-02
eCl@ss number, version 12.0	27-37-13-02
ETIM number, version 7.0	EC000041
ETIM number, version 6.0	EC000041

Approvals - Standards

Certificates	cULus
	CCC
	EAC

General data

Standards	EN IEC 60947-1 EN IEC 62061 EN IEC 60947-5-1 EN IEC 60947-5-3 EN IEC 60947-5-5 EN IEC 60204-1
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the contacts, electrical	Silver
Contact labelling	31-32
Gross weight	35 g

General data - Features

Number of normally closed (NC)	1
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Mechanical data

Installation instructions	pluggable
Mechanical life, minimum	10,000,000 Operations
Positive break travel	2 mm
Contact opening	1 mm
Note Bounce duration	Bounce duration at an Actuating speed of 100mm/s
Mounting flange position	3

Mechanical data - Connection technique

Termination	Screw terminals M20 x 1.5
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 including the conductor ferrules.

Mechanical data - Dimensions

Length	46 mm
Width	10 mm

Depth	60 mm
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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 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	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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