



EF303.1

- **Screw connection**
- **Mounting flange position 1**
- **Suitable for EMERGENCY-OFF**
- **11-12; 23-24 (Contact labelling)**

Data

Ordering data

Product type description	EF 303.1
Article number (order number)	101022137
EAN (European Article Number)	4250116201341
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	11-12 23-24
Gross weight	20 g

General data - Features

Suitable for EMERGENCY-OFF	Yes
Number of openers	1
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 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

Protection class of the Switch rooms	IP40
Protection class 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

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	NC contact, NO contact
Switching principle	Slow action
Bounce duration, maximum	5 ms

Switching frequency

1,200 /h

Pictures

Product picture (catalogue individual photo)

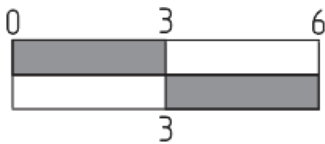


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| 600,2 kB | .jpg | 352.778 x 352.778 mm - 1000 x 1000 Pixel - 72 dpi

| 49,7 kB | .png | 74.083 x 74.083 mm - 210 x 210 Pixel - 72 dpi

Switch travel diagram



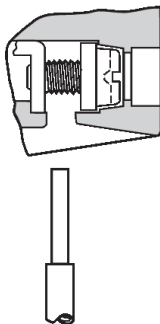
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| 31,8 kB | .jpg | 352.778 x 147.814 mm - 1000 x 419 Pixel - 72 dpi

| 1,2 kB | .png | 74.083 x 31.044 mm - 210 x 88 Pixel - 72 dpi

| 19,0 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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