



EF303SF.2

- Flat plug-in connector
- Mounting flange position 2
- 31-32; 43-44 (Contact labelling)

Data

Ordering data

Product type description	EF303SF.2
Article number (order number)	101006588
EAN (European Article Number)	4030661614793
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 CCC
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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	19 g

General data - Features

Number of normally closed (NC)	1
Number of normally open (NO)	1

Mechanical data

Installation instructions	pluggable
Mechanical life, minimum	10,000,000 Operations
Positive break travel	2 mm
Contact opening	3 mm NO 3 mm NC
Note Bounce duration	Bounce duration at an Actuating speed of 100mm/s
Mounting flange position	1

Mechanical data - Connection technique

Termination	Plug-in terminal
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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	-25 ... +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

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	NC contact, NO contact
Switching principle	Slow action with security spring
Bounce duration, maximum	5 ms
Maximum switching frequency	1,200 /h
Material of the contacts, electrical	Silver
Contact labelling	31-32 43-44

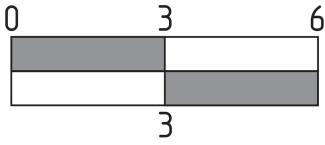
Pictures

Product picture (catalogue individual photo)



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| 371.6 kB | .jpg | 352.425 x 358.069 mm - 999 x 1015 px - 72 dpi
| 37.0 kB | .png | 74.083 x 75.142 mm - 210 x 213 px - 72 dpi
| 51.0 kB | .jpg | 121.356 x 123.472 mm - 344 x 350 px - 72 dpi

Switch travel diagram



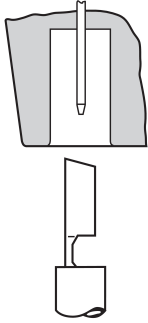
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| 19.0 kB | .cdr |

| 1.2 kB | .png | 74.083 x 31.044 mm - 210 x 88 px - 72 dpi

| 31.8 kB | .jpg | 352.778 x 147.814 mm - 1000 x 419 px - 72 dpi

Operating principle



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| 17.0 kB | .cdr |

| 133.2 kB | .jpg | 352.778 x 781.756 mm - 1000 x 2216 px - 72 dpi

| 3.3 kB | .png | 74.083 x 164.042 mm - 210 x 465 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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