



EF03.1

Data

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
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Contact labelling	13-14
Gross weight	18 g

General data - Features

Suitable for EMERGENCY-OFF	Yes
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
Note Bounce duration	Bounce duration at an Actuating speed of 100mm/s
Mounting flange position	1

Mechanical data - Connection technique

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.
Termination	Screw terminals

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
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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	Normally open contact (NO)
Switching principle	Slow action
Bounce duration, maximum	5 ms
Switching frequency	1,200 /h
Material of the contacts, electrical	Silver

Pictures

Product picture (catalogue individual photo)



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| 51.4 kB | .png | 74.083 x 75.142 mm - 210 x 213 px - 72 dpi

| 400.4 kB | .jpg | 352.425 x 357.717 mm - 999 x 1014 px - 72 dpi

Switch travel diagram



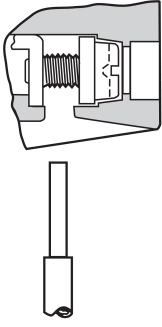
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| 18.7 kB | .cdr |

| 1.0 kB | .png | 74.083 x 16.933 mm - 210 x 48 px - 72 dpi

| 21.2 kB | .jpg | 352.778 x 80.433 mm - 1000 x 228 px - 72 dpi

Operating principle



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| 19.5 kB | .cdr |

| 189.7 kB | .jpg | 352.778 x 711.2 mm - 1000 x 2016 px - 72 dpi

| 3.7 kB | .png | 74.083 x 149.225 mm - 210 x 423 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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