



AF02

Data

Ordering data

Product type description	AF02
Article number (order number)	101030065
EAN (European Article Number)	4030661607368
eCl@ss number, version 9.0	27-37-12-10
eCl@ss number, version 11.0	27-37-12-10
eCl@ss number, version 12.0	27-37-12-10
ETIM number, version 7.0	EC000221
ETIM number, version 6.0	EC000221

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
Contact labelling	3-4
Gross weight	15 g

General data - Features

Number of normally open (NO)	1
------------------------------	---

Mechanical data

Installation instructions	pluggable
Mechanical life, minimum	5,000,000 Operations
Contact opening	2 mm
Mounting flange position	1; 2; 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.
Tightening torque of Clips	0.8 Nm

Mechanical data - Dimensions

Length	44 mm
Width	9 mm
Height	25.5 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	+60 °C

Ambient conditions - Insulation values

Rated insulation voltage U _i	400 V
---	-------

Rated impulse withstand voltage U_{imp}	4 kV
---	------

Electrical data

Thermal test current	10 A
Utilisation category AC-15	250 VAC
Utilisation category AC-15	6 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	3 A
Switching element	Normally open contact (NO)
Switching principle	Slow action
Switching frequency	1,200 /h

K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, 42279 Wuppertal

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.

Generated on: 26/08/2022, 10:02