



MKTE521

- with Locking sleeve
- 8 Contacts
- Mounting depth 112 mm
- 4 switch position
- Mounting hole 22.3 mm
- Mounting Knurled nut
- up to 6 mm front plate thickness

Data

Ordering data

Product type description	MKTE521
Article number (order number)	101005845
EAN (European Article Number)	4030661557441
eCl@ss number, version 9.0	27-37-14-04
eCl@ss number, version 11.0	27-37-14-04
eCl@ss number, version 12.0	27-37-14-04
ETIM number, version 7.0	EC000632
ETIM number, version 6.0	EC000632

Approvals - Standards

Certificates	cURus 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
Climatic stress	IEC/EN 60068-2-20
Installation conditions (mechanical)	arbitrarily
Material of the front ring	Aluminium - anodised
Material of the bellows	Rubber
Material thickness of the sealing bellows	1 mm
Colour of the front ring	Silver
Colour of the bellows	Black
Gross weight	240 g

General data - Features

Return to zero position	Yes
External applications	Yes
Galvanically separated contact bridges	Yes
Locking sleeve	Yes
Probing possible	Yes
Number of auxiliary contacts	8
Number of directions	4
Number of normally open (NO) per direction	2
Number of switch positions	4
Number of switching stages	4

Mechanical data

Latching position	right left bottom above
Mechanical life, minimum	1,000,000 Operations
Actuating force, approx.	11 N

Mounting

Knurled nut

Mechanical data - Connection technique

Termination	Screw terminals M20 x 1.5
Cable section, minimum	0.5 mm ²
Cable section, maximum	2.5 mm ²
Note (Cable section)	All indications including the conductor ferrules.

Mechanical data - Dimensions

Mounting depth	112 mm
Length of the actuator	77 mm
Diameter hole	22.3 mm
Diameter hole, central mounting	22.7 mm
Thickness, of the front panel, minimum	1.5 mm
Thickness of the front panel, maximum	6 mm
Diameter for the Installation to IEC/EN 60947-1	22.3 + 0.4 mm
Spacing	80 x 80 mm

Ambient conditions

Degree of protection	IP67 IP65
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+80 °C
Resistance to vibration to EN 60068-2-6	10 ... 200 Hz, with 20 g
Resistance to shock	110 g / 4 ms - 30 g / 18 ms

Ambient conditions - Insulation values

Rated insulation voltage U _i	400 V
Rated impulse withstand voltage U _{imp}	4 kV
Degree of pollution to IEC/EN 60947-1	3

Electrical data

Thermal test current	10 A
Utilisation category AC-15	250 VAC
Utilisation category AC-15	8 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	5 A
Switching element	2 NO contacts / 2 NO contacts / 2 NO contacts / 2 NO contacts
Switching principle	Slow action
Switching frequency	1,200 /h

Note

Notice (switch position)	Position A, B, C, D
--------------------------	---------------------

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, 10:33