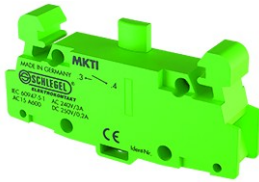


MKTI

19.10.2022

Modular contact block, momentary



General Data

Type reference	MKTI
Description	Modular contact block
Approvals	CE, UKCA
Contact type	1 NC
Degree of protection	IP20
Operation travel	4 mm
Connection type	screw connection (torx/slot) min: 1 x 0.5 mm ² , 2 x 0.5 mm ² max: 2 x 2.5 mm ²
Contact material	AgNi
Max. storage temperature	-50°C ... 85°C
Max. operating temperature	-40°C ... 70°C, without illumination -40°C ... 70°C, using LEDs
Mechanical life	> 1 million switching cycles
Electrical life (rated load)	see *1)
Contact resistance NO	< 30 mOhm
Min. current	1 mA (under laboratory conditions)
Min. voltage	5 V
Bouncing time NO	< 10ms
Material	PA66

Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)

	alternate current	direct current
Utilisation category	AC15 A600	DC13 Q600
Rated insulation voltage U _i	600 V	600 V
Rated operating voltage U _e	240 V / 480 V	250 V / 125 V / 60 V / 24 V
Rated operating current I _e	3 A / 1,5 A	0.2 A / 0.4 A / 1 A / 2 A
Breaking capacity	10I _e	1,1I _e
Continuous thermal current	16 A	-

Data acc. to UL508



Flammability class acc. to UL94

V0

General data

Tightening torque (screw terminal)	0.8...1.0 Nm
Stripping length	9 mm
Short-circuit device (SCPD)	SCPD 16 A, Char. C
Conditional short circuit current I_q	1000 A
Rated impulse voltage U_{imp}	6 kV
Overvoltage category	III
Pollution degree	3

Note

Note on PELV/SELV:

If modules are used simultaneously in a SELV (PELV) circuit and other circuits, the max. permissible voltage U_e/U_i according to EN 60947-1 is limited to 300AC.

*1) Electrical lifetime:

AC15 240 V / 3 A: 1 million switching cycles

AC15 480 V / 1.5 A: ...in testing

DC13 250 V / 0.2 A: 1 million switching cycles

DC13 24 V / 3A: 200,000 switching cycles

- Mechanical lifetime with emergency-stop: max. 50,000 cycles

- Approvals in preparation: cULus; TÜV

