

SIL

Emergency-stop control station



General Data

Type reference	MT...
Approvals	CCC, CSA, ENEC05, KEMA, CE, TÜV_Süd, UL
Protection class	II (protective insulation)
Operation travel	6 mm
Connection type	screw connection: min: 1 x 0.5mm ² , 2 x 0.5mm ² max: 2 x 2.5mm ²
Contact material	AgNi
Max. storage temperature	-50°C ... 85°C
Max. operating temperature	-30°C ... 85°C, without illumination -30°C ... 55°C, using incandescent lamps -30°C ... 65°C, using LEDs
Mechanical life	1 million switching cycles
Electrical life (rated load)	1 million operations at rated load
Contact resistance NO	< 20 mOhm
Contact resistance NC	< 20 mOhm
Min. current	1 mA (under laboratory conditions)
Min. voltage	5 V
Bouncing time NO	< 10ms
Bouncing time NC	< 10ms
Positive opening contact	acc. to EN60947-5-1, appendix K

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 Ui	600 V	600 V
Rated operating voltage Ue	240V / 440V	440V / 250V / 125V / 60V / 24V
Rated operating current Ie	3A / 1.6A	0.12A / 0.2A / 0.4A / 1A / 2A
Breaking capacity	10Ie	1,1Ie
Continuous thermal current	16 A	



Electrical data acc. to IEC/EN 61058-1 (VDE 0630 Sect. 1)

Rated voltage U_e 250 V~ / 440 V~

Rated current I_e 16(10) A / 10(6) A

Technical Data - Lamp

Lamp socket BA9s

Max. lamp voltage 250 V / (CSA max. 150V)

Max. lamp output 2 W

Definition X1...anode, X2...cathode

Electrical Features - 5µm gold-plating, type addition ...AU

Switching voltage 20mV ... 42V AC/DC

Switching current 1mA ... 250mA

Contact resistance (new state) < 50 mOhm

General Data

Tightening torque (screw terminal) 0.8...1.0 Nm

Note

Min. operating temperature when assembled with
KRJ...actuators: -40°C ...;
Data Sheet does not apply to the following type:
MTOSFE

Electrical Data acc. to UL 508

Ratings A600, 600 V AC

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

Utilisation category	AC15 A600	DC13
Rated operating voltage U _e	240V / 440V	12V
Rated operating current I _e	3A / 1.6A	5A



Breaking capacity

10le

1,1le

Illustration:



Dimensional drawing:

