

DMTOSFA

28.04.2015

**Self-monitoring
emergency contact block, momentary***

General Data

Type reference	DMTOSFA
Description	Modular contact block (positive opening contact) with safety contact for failure switch off. Contact opening if separated from the e-stop head
Approvals	CE, UKCA
Contact type	1 NC (+ 1 NO)
Degree of protection	IP20
Operation travel	6 mm
Connection type	Cage-Clamp 0.08-2.5 mm ²
Contact material	AgNi
Max. storage temperature	-40°C ... 70°C
Max. operating temperature	-25°C ... 55°C, with/without illumination
Mechanical life	1 million switching cycles
Electrical life (rated load)	50,000 switching cycles at rated load
Contact resistance NO	< 20 mOhm (new state)
Contact resistance NC	< 20 mOhm (new state)
Min. current	1 mA (under laboratory conditions)
Min. voltage	5 V
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 Q300
Rated insulation voltage Ui	600 V	400 V
Rated operating voltage Ue	240 V / 120 V / 60 V / 24 V	250 V / 125 V / 60 V / 24 V
Rated operating current Ie	3 A / 1.9 A	0.27 A / 0.55 A / 1 A / 2 A
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~ / 400 V~

Rated current I_e 16(10) A / 10(5) A

Note

Mechanical life using an emergency-stop actuator: > 6050 cycles

