

Contact Block: DMTOSFA

General Data

Type Reference:	DMTOSFA
Description:	Modular contact block (positive opening contact) with safety contact for failure switch-off. Contact opens on separation from the actuator
Approvals:	CE
Nature of contact:	1NC (+ 1NO)
Protection class:	II (protective insulation)
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:	1m operations
Electrical life (rated load):	50,000 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 U _i :	600 V	400V
Rated operating voltage U _e :	240V / 380V	250V / 125V / 60V / 24V
Rated operating current I _e :	3A / 1.9A	
Breaking capacity:	10I _e	1,1I _e
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

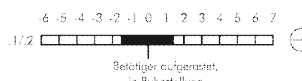
Note

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

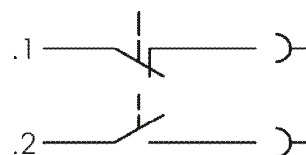
Photo



Operating travel diagram



Circuit diagram



- subject to alterations -