

DSTI

28.08.2008

Modular contact block , momentary



General Data

Type reference	DSTI
Description	Modular contact block, push-in connection
Approvals	CCC, cCSAus, CE, DNVGL, KEMA KEUR, TÜV_Süd, UKCA
Contact type	1 NO
Degree of protection	IP20
Operation travel	5 mm
Connection type	push-in connection / 0.75 ... 2.5 mm ²
Contact material	AgNi
Max. storage temperature	-50°C ... 85°C
Max. operating temperature	-25°C ... 55°C, with/without illumination
Mechanical life	1 million switching cycles
Electrical life (rated load)	100,000 switching cycles at rated load
Contact resistance NO	< 20 mOhm (new state)
Min. current	5 mA (under laboratory conditions)
Min. voltage	24 V
Bouncing time NO	< 10ms

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	400 V
Rated operating voltage U _e	240 V / 120 V / 60 V / 24 V	250 V / 125 V / 60 V / 24 V
Rated operating current I _e	3 A / 1.9 A	0.27 A / 0.55 A / 1 A / 2 A
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



Additional data

Stripping length 8...10 mm

Note

- mechanical life using an emergency-stop button: 50,000 cycles
- electrical/mechanical life using the minimum current (5 V dc, 6 mA): >= 1 million (with standard pushbutton or switch)

