

BTO

24.02.2011

Contact Block, momentary



General Data

Type reference	BTO
Description	Contact block
Approvals	CCC, cCSAus, DNVGL, ENEC10, VDE, CE, UKCA, UR
Contact type	2 NC
Degree of protection	IP00
Operation travel	3 mm
Connection type	Faston terminals 2.8 x 0.8 mm
Contact material	AgNi
Max. storage temperature	-50°C ... 85°C
Max. operating temperature	-30°C ... 70°C
Mechanical life	1 million switching cycles
Electrical life (rated load)	1 million switching cycles
Contact resistance NC	< 20 mOhm (new state)
Min. current	1 mA (under laboratory conditions)
Min. voltage	5 V
Bouncing time NC	< 10ms

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

	alternate current	direct current
Utilisation category	AC15 B300	DC13 Q300
Rated insulation voltage Ui	250 V	300 V
Rated operating voltage Ue	250 V	250 V / 125 V / 60 V / 24 V
Rated operating current Ie	1.5 A	0.2 A / 0.4 A / 1 A / 2 A
Breaking capacity	10Ie	1,1Ie
Continuous thermal current	6 A	-

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

Rated voltage Ue	250 V~
Rated current Ie	6(4) A



Additional electrical data

Overvoltage category II

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

	alternate current	direct current
Utilisation category	DC13	-
Rated insulation voltage U_i	-	-
Rated operating voltage U_e	12 V	-
Rated operating current I_e	6 A	-
Breaking capacity	1,1Ie	-
Continuous thermal current	-	-

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

Rated voltage U_e	12 V DC
Rated current I_e	6[6] A

Data cc. to UL508/ CSA 22.2 No. 14-18

Rating B300, Q300 pilot duty

