

**BZOI**

30.08.2013

**Contact block, momentary**

**General Data**

Type reference	BZOI
Description	Twin contact block, separate plungers, positive opening contact
Approvals	, CCC, cCSAus, cURus, DNVGL, ENEC10, VDE, CE, TÜV_Süd, UKCA, UR
Contact type	1 NC + 1 NO
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 at rated load
Contact resistance NO	< 20 mOhm (new state)
Contact resistance NC	< 20 mOhm (new state)
Min. current	1 mA
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 B300	DC13 Q300
Rated insulation voltage $U_i$	250 V	300 V
Rated operating voltage $U_e$	250 V	250 V / 125 V / 60 V / 24 V
Rated operating current $I_e$	1.5 A	0.2 A / 0.4 A / 1 A / 2 A
Breaking capacity	10I <sub>e</sub>	1,1I <sub>e</sub>
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

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

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

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

Rated voltage Ue	12 V DC
Rated current Ie	6[6] A

**Data acc. to UL/IEC 60947-5-5**

Rating	B300, Q300 pilot duty
--------	-----------------------

