

BZOIK

03.05.2021

Contact block, momentary

General Data

Type reference	BZOIK
Description	Twin contact block, separate plungers, positive opening contact, screw connections
Approvals	, CCC, cCSAus, DNV, ENEC10, VDE, CE, TÜV_Süd, UKCA
Contact type	1 NC + 1 NO
Degree of protection	IP20
Operation travel	3 mm
Connection type	screw connection 2.5 mm ²
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 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 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	240 V / 120 V	250 V / 125 V / 60 V / 24 V
Rated operating current I _e	1.5 A / 3 A	0.2 A / 0.4 A / 1 A / 2 A
Breaking capacity	10I _e	1,1I _e
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 data

Connection range	0.34 ... 2.5 mm ²
Tightening torque (screw terminal)	0.4 Nm

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

