

BZIIK

16.05.2019

Contact block, momentary



General Data

Type reference:	BZIIK
Description:	Twin contact block, separate plungers, screw connections
Approvals:	CCC, cCSAus, DNVGL, ENEC10, VDE, CE
Contact type:	2NO
Protection class:	II (protective insulation)
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 operations
Contact resistance NO:	< 20 mOhm (new condition)
Min. current:	1 mA (under laboratory conditions)
Min. voltage:	5 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 B300	DC13 Q300
Rated insulation voltage U _i	250 V	300 V
Rated operating voltage U _e	250 V	250V / 125V / 60V / 24V
Rated operating current I _e	1.5A	0.2A / 0.4A / 1A / 2A
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 U _e :	250 V~
Rated current I _e :	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) (additional test)

Utilisation category:	DC13
Rated operating voltage U _e :	12V
Rated operating current I _e :	6A
Breaking capacity:	1,1I _e

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

Rated voltage U _e :	12 V DC
Rated current I _e :	6[6] A
Electrical life (additional test):	50000

Operating travel diagram



Circuit diagram

