

BZLOI

03.05.2021

Illuminated contact block, momentary, W2x4,6d

General Data

Type reference	BZLOI
Description	Illuminated twin contact block, separate plungers, positive opening contact
Approvals	CCC, cCSAus, cURus, DNV, 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, without illumination -30°C ... 55°C, using incandescent lamps -30°C ... 65°C, using LEDs
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	240 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	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

Technical Data - Lamp

Lamp socket W2x4,6d
Max. lamp voltage 60 V
Max. lamp output 1.2 W
Definition X1...anode, X2...cathode

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
Lamp rating 1.2 W, 60 V max



