

BFL_AU

03.05.2021

Illuminated contact block, maintained, W2x4,6d



General Data

Type reference	BFL_AU
Description	Illuminated contact block, gold-plated contacts
Approvals	CCC, cCSAus, DNV, ENEC10, VDE, CE, UKCA
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, gold-plated
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 operations at rated load
Contact resistance NO	< 50 mOhm (new state)
Contact resistance NC	< 50 mOhm (new state)
Bouncing time NO	< 10ms
Bouncing time NC	< 20ms

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

	alternate current	direct current
Utilisation category	-	-
Rated insulation voltage Ui	250 V	-
Rated operating voltage Ue	-	-
Rated operating current Ie	-	-
Breaking capacity	-	-
Continuous thermal current	-	-

Technical Data - Lamp

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

Electrical features - 5µm gold-plating, type addition _AU

Switching voltage	20 mV ... 42 V AC/DC
Switching current	1 mA ... 250 mA

Additional electrical data

Overvoltage category	II
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