

AFL2

29.04.2021

Illuminated contact block, maintained

General Data

Type reference	AFL2
Description	Illuminated contact block, with positive opening contact
Approvals	CCC, CSA, DNV, ENEC10, VDE, CE, UKCA, UR
Contact type	2 NC + 2 NO
Degree of protection	IP00
Operation travel	6 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
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	< 20ms
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 A300	DC13 Q300
Rated insulation voltage Ui	250 V	300 V
Rated operating voltage Ue	240 V	250 V / 125 V / 60 V / 24 V
Rated operating current Ie	3 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 U_e 250 V~

Rated current I_e 6(3) A

Technical Data - Lamp

Lamp socket T5,5K

Max. lamp voltage 60 V

Max. lamp output 1.2 W

Definition X1...anode, X2...cathode

Note

Note for emergency-stop pushbuttons:

In case of inverters of the Za form (as defined in EN 60947-5-1), only the NC contact must be used for the safety circuit.

