

AFL2_AU

29.04.2021

Illuminated contact block, maintained

General Data

Type reference	AFL2_AU
Description	Illuminated contact block, with positive opening contact, gold-plated contacts
Approvals	CCC, ENEC10, VDE, CE, UKCA
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, 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 switching cycles
Contact resistance NO	< 50 mOhm (new state)
Contact resistance NC	< 50 mOhm (new state)
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	-	-
Rated insulation voltage U_i	250 V	-
Rated operating voltage U_e	-	-
Rated operating current I_e	-	-
Breaking capacity	-	-
Continuous thermal current	-	-

Technical Data - Lamp


Lamp socket	T5,5K
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

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.

