

# Datasheet

→ **AFL** 

04/15/2026



## Technical data

Illuminated contact block, maintained

Type	AFL
Series	contact blocks A...
Rubric	Contact blocks
Approvals	CCC, CSA, ENEC10, VDE, CE, UKCA, UR, DNV



## → General data

Illumination	Yes
Operating temperature	-30 °C ... 70 °C without illumination -30 °C ... 55 °C for incandescent lighting -30 °C ... 65 °C for LED illumination
Enclosure colour	Transparent
Contact material	AgNi
Storage temperature	-50 °C ... 85 °C
Degree of protection front	IP00

## → Electrical data

Conditional short circuit current	1000 A
Rated operating voltage IEC/EN 60947-5-1	240 V AC 250 V DC 125 V DC 60 V DC 24 V DC

<i>Rated operating current</i> IEC/EN 60947-5-1	3 A AC 0.2 A DC 0.4 A DC 1 A DC 2 A DC
<i>Rated insulation voltage</i> IEC/EN 60947-5-1	250 V AC 250 V DC 300 V AC 300 V DC
<i>Rated voltage</i>	250 V AC/DC
<i>Rated impulse withstand voltage</i>	2.5 kV
<i>Rated current</i>	6(3) A
<i>Contact resistance</i>	< 20 mΩ NC new state < 20 mΩ NO new state
<i>Electrical lifetime</i>	1,000,000 switching cycles
<i>Contact type</i>	1NC 1NO
<i>Short circuit protection SCPD</i>	6 A Char. D
<i>Illuminant power</i>	max. 1.2 W
<i>Illuminant</i>	T5.5K lampholder
<i>Illuminant connection</i>	X1...anode, X2...cathode
<i>Operating voltage illuminant</i>	max. 60 V
<i>Bouncing time</i>	< 20 ms NC < 10 ms NO
<i>Switching capacity</i>	250 V AC/DC 6 A
<i>Thermal continuous current</i> IEC/EN 60947-5-1	6 A AC

#### **Note for emergency stop contactors**

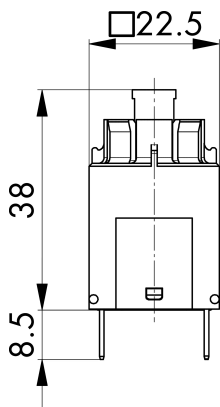
- Only the NC contact may be used for the safety circuit for changeover contacts of the Za type as defined in EN 60947-5-1

## → Mechanical data

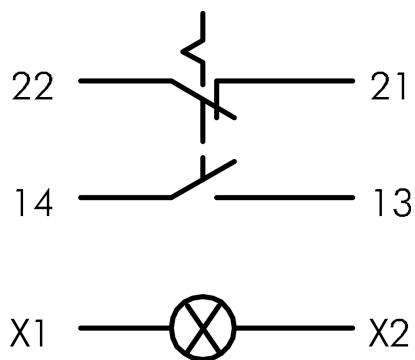
Connection	Faston terminals 2.8 mm x 0.8 mm
Operating travel	6 mm
Mechanical lifetime	1,000,000 switching cycles
Switching function	Latching function
Positive opening	Acc. to EN60947-5-1, appendix K

## Technical drawings

### → Dimensional drawing



### → Circuit diagram



### → Switching path diagram

