

Datasheet

→ **ATO** 

03/13/2026



Technical data

Contact block, momentary

Type	ATO
Series	contact blocks A...
Rubric	Contact blocks
Approvals	CCC, cCSAus, CSA, ENEC10, VDE, CE, TÜV_Süd, UKCA, DNV



→ General data

Operating temperature	-30 °C ... 70 °C
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
Rated operating current 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
<i>Electrical lifetime</i>	1,000,000 switching cycles
<i>Contact type</i>	1NC
<i>Short circuit protection SCPD</i>	6 A Char. D
<i>Bouncing time</i>	< 20 ms NC
<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

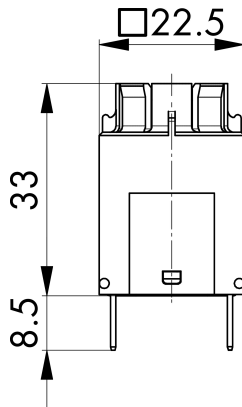
- Only the NC contact may be used for the safety circuit for changeover contacts of the Za type as defined in EN 60947-5-1

→ Mechanical data

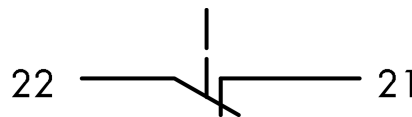
<i>Connection</i>	Faston terminals 2.8 mm x 0.8 mm
<i>Operating travel</i>	6 mm
<i>Mechanical lifetime</i>	1,000,000 switching cycles
<i>Switching function</i>	Momentary function
<i>Positive opening</i>	Acc. to EN60947-5-1, appendix K

Technical drawings

→ Dimensional drawing



→ Circuit diagram



→ Switching path diagram

