Datasheet

→ AZ4O

03/13/2026

Technical data

Contact block, momentary



Type	AZ4O
Series	contact blocks AZ...
Rubric	Contact blocks
Approvals	CCC, CE, cURus, ENEC05, KEMA, CE, TÜV_Süd, UKCA, UR

→ General data

Operating temperature	-30 °C ... 70 °C
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
Rated insulation voltage IEC/EN 60947-5-1	250 V AC 300 V DC
Rated voltage	250 V AC/DC

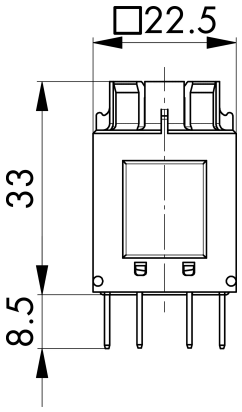
Rated impulse withstand voltage IEC/EN 60947-5-1	2.5 kV
Rated current	6(4) A
Contact resistance	< 20 mΩ NC
Electrical lifetime	750,000 switching cycles at rated load AC max. 100,000 switching cycles DC-13
Utilisation category IEC/EN 60947-5-1	AC-15 A300 DC-13 Q300
Contact type	4NC
Short circuit protection SCPD	6 A Char. D
Rating UL/IEC 60947-5-5	Heavy pilot duty A300 250 V / 3 A AC GP
Switching capacity	250 V AC/DC 6 (4) A
Breaking capacity IEC/EN 60947-5-1	10 Ie AC 1.1 Ie DC
Minimum voltage	5 V
Current minimal	1 mA under laboratory conditions
Thermal continuous current IEC/EN 60947-5-1	6 A AC
Overvoltage category	II
Pollution degree	2

➔ Mechanical data

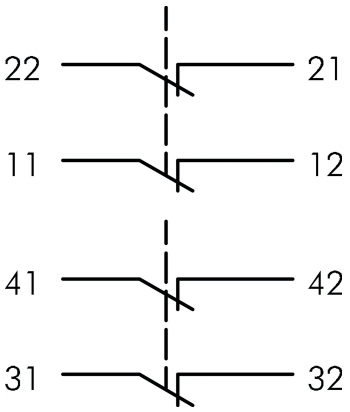
Connection	Faston terminals 2.8 mm x 0.8 mm
Operating travel	3 mm 6 mm
Mechanical lifetime	1,000,000 switching cycles
Switching function	Momentary function
Positive opening	Acc. to EN60947-5-1, appendix K

Technical drawings

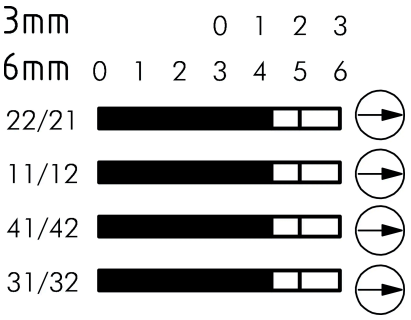
➔ Dimensional drawing



➔ Circuit diagram



➔ Switching path diagram



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