

ATO

30.04.2021

Contact block, momentary



General Data

Type reference	ATO
Description	Contact block, positive opening contact
Approvals	, CCC, cCSAus, CSA, DNV, ENEC10, VDE, CE, TÜV_Süd, UKCA
Contact type	1 NC
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
Mechanical life	1 million switching cycles
Electrical life (rated load)	1 million switching cycles
Contact resistance NC	< 20 mOhm (new state)
Min. current	1 mA (under laboratory conditions)
Min. voltage	5 V
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 U _i	250 V	300 V
Rated operating voltage U _e	240 V	250 V / 125 V / 60 V / 24 V
Rated operating current I _e	3 A	0.2 A / 0.4 A / 1 A / 2 A
Breaking capacity	10I _e	1,1I _e
Continuous thermal current	6 A	-

Electrical data acc. to IEC/EN 61058-1 (VDE 0630 Sect. 1)

Rated voltage U _e	250 V~
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Rated current I_e

6(3) A

Note

Notice for emergency-stop contact blocks:
For inverters of the Za type (as defined in EN 60947-5-1), only the NC contact must be used for remotely controlled safety circuits.

