

**ATO**

30.04.2021

**Contact block, momentary**

**General Data**

Type reference	ATO
Description	Contact block, positive opening contact
Approvals	, CCC, cCSAus, CSA, DNVGL, 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 $U_e$	250 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 <sub>e</sub>	1,1I <sub>e</sub>
Continuous thermal current	6 A	-

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


Rated voltage  $U_e$  250 V~

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.

