Date: 29.11.2016

AT_AF_ALLE

General Data

Type reference:	AT..., AF...
Description:	Contact Block, positive opening contact
Approvals:	CCC, CSA, ENEC10, VDE, CE, NV, UR
Protection class:	II (protective insulation)
Operation travel:	6 mm
Connection type:	Faston terminals 2.8x0.8 mm / PCB-mount terminals
Contact material:	AgNi
Max. storage temperature:	-50°C ... 85°C
Max. operating temperature:	-30°C ... 70°C, without illumination -30°C ... 55°C, using incandescent lamps -30°C ... 65°C, using LEDs
Mechanical life:	1 million switching cycles
Electrical life (rated load):	1 million operations
Contact resistance NO:	< 20 mOhm (new state)
Contact resistance NC:	< 20 mOhm (new state)
Min. current:	1 mA (under laboratory conditions)
Min. voltage:	5 V
Bouncing time NO:	< 10ms
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 Ui:	250 V	300 V
Rated operating voltage Ue:	250 V	250V / 125V / 60V / 24V
Rated operating current Ie:	3A	0.2A / 0.4A / 1A / 2A
Breaking capacity:	10Ie	1,1Ie
Continuous thermal current:	6 A	

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

Rated voltage Ue:	250 V~
Rated current Ie:	6(3) A

Technical Data - Lamp

Lamp socket:	T5,5K
Max. lamp voltage:	60V
Max. lamp output:	1.2W
Definition:	X1...anode, X2...cathode

Electrical Features - 5µm gold-plating, type addition _AU

Switching voltage:	20mV ... 42V AC/DC
Switching current:	1mA ... 250mA
Contact resistance (new state):	< 50 mOhm

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.

- subject to alterations -

Georg Schlegel GmbH & Co. KG
Kapellenweg 4
D-88525 Dürmentingen

Tel.: 0 73 71 / 502 - 0
Fax: 0 73 71 / 502 - 49
E-Mail: info@schlegel.biz

Rechtsform: KG, Sitz Dürmentingen, HRA Ulm 650202, Komplementärin Elektrokontakt GmbH,
Sitz Dürmentingen, HRB Ulm 650048, Geschäftsführer: Eberhard Schlegel, Christoph Schlegel
www.schlegel.biz Wolfgang Weber

Photo

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