

# Illuminated Contact Block, momentary ATL2

## General Data

Type reference	ATL2
Description	Illuminated Contact Block, positive opening contact
Approvals	CCC, CSA, ENEC10, VDE, CE, NV, UR, Zwangsöffnung
Nature of contact	2NC + 2NO
Protection class	II (protective insulation)
Operation travel	6 mm
Connection type	Faston terminals 2.8x0.8 mm
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 $U_i$	250 V	300 V
Rated operating voltage $U_e$	250 V	250V / 125V / 60V /

Rated operating current $I_e$	3A	24V 0.2A / 0.4A / 1A / 2A
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

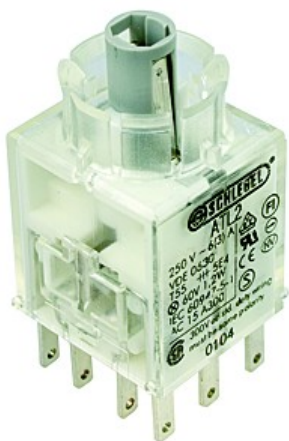
### Technical Data - Lamp

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

### 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.

Illustration:



Switching diagram:



Wiring diagram:

