PTSOI 16.12.2021

Contact block, momentary

General Data	
Type reference	PTSOI
Description	Contact block for base-plate mounting, with positive opening contact
Approvals	CCC, CE, cURus, ENEC10, VDE, TÜV_Süd, UKCA
Contact type	1 NC + 1 NO
Degree of protection	IP00
Operation travel	2.3 mm
Connection type	PCB-mount terminals
Contact material	AgNi
Max. storage temperature	-40°C ... 80°C
Max. operating temperature	-25°C ... 70°C
Mechanical life	1 million switching cycles
Electrical life (rated load)	1 million switching cyles at rated load AC
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	< 10ms
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 B300	DC13 Q300
Rated insulation voltage Ui	250 V	250 V
Rated operating voltage Ue	240 V / 120 V	250 V / 125 V / 60 V / 24 V
Rated operating current Ie	1.5 A / 3 A	0.27 A / 0.55 A / 1 A / 2 A
Breaking capacity	10Ie	1,1Ie
Continuous thermal current	5 A	-

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

Georg Schlegel GmbH & Co. KG
Kapellenweg 4
88525 Dürmentingen / Germany

+49 (0)7371 / 502-0
+49 (0)7371 / 502 49
@ info@schlegel.biz
www.schlegel.biz

Rated voltage Ue	250 V~
Rated current Ie	6(4) A

Additional data

Pollution degree	2
Overvoltage category	II
Rated impulse voltage	2.5 kV
Soldering method	wave and manual soldering

Note

O = NC contact; I = NO contact

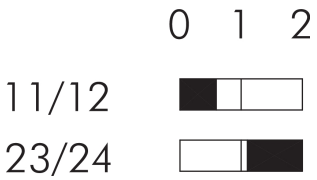
The contact block is being plugged into the neck of the pushbutton/switch head;
Spacer sleeves ensure the correct distance of the connection between PCB and mounting plate.
The fixing nut must be secured against loosening.

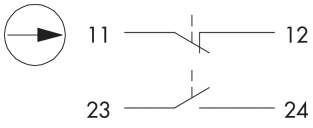
DC13: > 100.000 switching cycles

Installation instruction:
The position offset between the operator element and the switching element must be in a Ø 0.2 mm circle

Data acc. to UL508

Rating	Pilot duty B300; 24Vdc/3A





Georg Schlegel GmbH & Co. KG
Kapellenweg 4
88525 Dürmentingen / Germany
+49 (0)7371 / 502-0
+49 (0)7371 / 502 49
@ info@schlegel.biz
www.schlegel.biz