



FRTPO 15.07.2021

Contact block, momentary



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General Data		
Type reference	FRTPO	
Description	Contact block with PCB-mount terminals, separate plungers, bolt fastening	
Approvals	CCC, CE, cURus, ENEC10, VDE, UKCA	
Contact type	1 NC	
Degree of protection	IPO0	
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	600,000 switching cycles	
Electrical life (rated load)	600,000 switching cycles	
Contact resistance NC	< 20 mOhm (new state)	
Min. current	1 mA (under laboratory conditions)	
Min. voltage	5 V	
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 le	1.5 A / 3 A	0.27 A / 0.55 A / 1 A / 2 A
Breaking capacity	10le	1,1le
Continuous thermal current	5 A	

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







Rated voltage Ue 250 V~

Rated current le 6(4) A

Note

O = NC contact

Optional illumination with Schlegel LED type FRTLED3UW With illumination (LED): overvoltage category II (2.5kV), pollution degree 2

DC13: 100.000 switching cycles (at maximum switching capacity) Life time with emergency-stop head: 30.000 (RKUV28, RRJUV) 6050 (RXJUV)

The contact blocks must not be used individually.

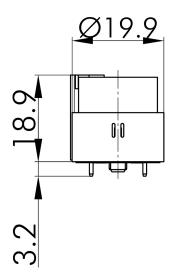
At least 2 contact blocks have to be mounted onto the PCB and they have to be arranged by 180° offset.

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Data acc. to UL 60947-5-1/ CSA-C22.2 No. 60947-5-1

Rating Pilot duty B300; 24 V dc/3 A





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