



FRTPI_AU 15.07.2021

Contact block, momentary



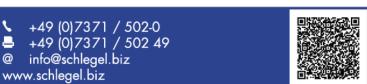
General Data		
Type reference	FRTPI_AU	
Description	Contact block with PCB-mount terminals, separate plungers, bolt fastening	
Approvals	CCC, cURus, ENEC10, VDE, UKCA	
Contact type	1 NO	
Degree of protection	IPOO	
Operation travel	2.3 mm	
Connection type	PCB-mount terminals	
Contact material	AgNi, gold-plated	
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 NO	< 50 mOhm (new state)	
Min. current	1 mA (under laboratory conditions)	
Min. voltage	5 V	
Bouncing time NO	< 10ms	

Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)

	alternate current	direct current
Utilisation category	AC15	DC13
Rated insulation voltage Ui	250 V	250 V
Rated operating voltage Ue	-	
Rated operating current le	-	-
Breaking capacity	-	-
Continuous thermal current	-	-

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

Switching voltage 20 mV ... 42 V AC/DC







Switching current

1 mA ... 250 mA

Note

I = NO contact

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

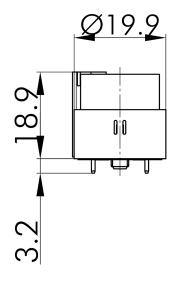
DC13: 100.000 switching cycles (at maximum switching capacity)

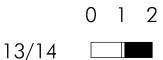
The contact blocks must not be used individually. At least 2 contact blocks have to be mounted onto the PCB and they have to be arranged by 180° offset.

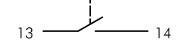
Data acc. to UL 60947-5-1/ CSA-C22.2 No. 60947-5-1

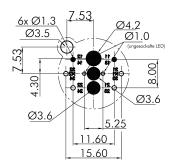
42 V dc/100 mA Rating











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