

**FRTFLI**

19.07.2021

**Illuminated contact block, momentary**



**General Data**

Type reference	FRTFLI
Description	Illuminated contact block with Faston terminals, separate plungers, latching collar
Approvals	CCC, CE, cURus, ENEC10, VDE, UKCA
Contact type	1 NO
Degree of protection	IP00
Operation travel	2.3 mm
Connection type	Faston terminals 2.8 x 0.8 mm
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 NO	< 20 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 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)**

Rated voltage Ue	250 V~
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Rated current I<sub>e</sub> 6(4) A

**Technical Data - Lamp**

Lamp socket none, with integrated LED

Max. lamp voltage 30 V AC/DC

Definition X1...anode, X2...cathode

**Additional data**

Overvoltage category II

Pollution degree 2

**Note**

I = NO contact

DC13: 100.000 switching cycles (at max. switching capacity)

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

Rating Pilot duty B300; 24 V dc/3 A

