

Datasheet

→ **FRTFOO_AU** 

09/10/2025



Technical data

Push-button contact blocks with blade terminals

Type	FRTFOO_AU
Series	Contact blocks FRTF...
Rubric	Contact blocks
Approvals	CCC, CE, cURus, ENEC10, VDE, TÜV_Süd, UKCA



→ General data

Design	Round
Illumination	No
Operating temperature	-25 °C ... 70 °C
Enclosure colour	Grey
Contact material	AgNi gold-plated
Storage temperature	-40 °C ... 80 °C
Degree of protection front	IP00

→ Electrical data

Conditional short circuit current	1000 A
Rated insulation voltage IEC/EN 60947-5-1	250 V AC 250 V DC
Rated impulse withstand voltage	2,5 kV
Contact resistance	< 50 mΩ NC new state

Electrical lifetime 600,000 switching cycles at rated voltage

Utilisation category AC15
IEC/EN 60947-5-1 DC13

Contact type 2NC

Short circuit protection SCPD Glass fuse 1 A slow (usual: 5x20; 6.3x32)

Bouncing time < 10 ms NC

Rating 42 V DC
information acc. to UL 100 mA DC

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

Switching current 1 mA ... 250 mA

Minimum voltage 5 V

Current minimal 1 mA under laboratory conditions

Note

- 100,000 switching cycles (at max. switching capacity)

→ Mechanical data

Connection Faston terminals 2.8 mm x 0.8 mm

Operating travel 2.3 mm

Mechanical lifetime 600,000 switching cycles

Switching function Momentary function

Tactile No

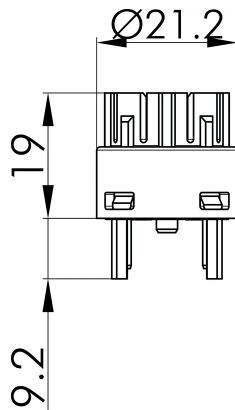
Positive opening Acc. to EN60947-5-1, appendix K

Note service life with emergency stop

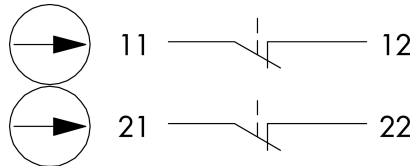
- 30,000 (RKUV28, RRJUV)
- 6050 (RXJUV)

Technical drawings

→ Dimensional drawing



→ Circuit diagram



→ Switching path diagram

