

FRTFOI

19.07.2021

Contact block, momentary

General Data

| | |
|------------------------------|-------------------------------------------------------------------------|
| Type reference | FRTFOI |
| Description | Contact block with Faston terminals, separate plungers, latching collar |
| 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 | 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) |
| 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 U_i | 250 V | 250 V |
| Rated operating voltage U_e | 240 V / 120 V | 250 V / 125 V / 60 V / 24 V |
| Rated operating current I_e | 1.5 A / 3 A | 0.27 A / 0.55 A / 1 A / 2 A |
| Breaking capacity | 10I _e | 1,1I _e |
| Continuous thermal current | 5 A | - |

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


Rated voltage U_e 250 V~

Rated current I_e 6(4) A

Note

O = NC contact; I = NO contact

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

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

Rating

Pilot duty B300; 24Vdc/3A

