

FRPKVKOOI

18.01.2021

Emergency-stop, spherical shape

General Data

Type reference	FRPKVKOOI
Description	Emergency-stop head, foolproof, pull release
Approvals	CE, UKCA
Contact type	2 NC + 1 NO
Degree of protection	IP65 / IP67
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	30,000 switching cycles
Electrical life (rated load)	30,000 switching cycles at rated load
Contact resistance NO	< 50 mOhm (new state)
Contact resistance NC	< 50 mOhm (new state)
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	10Ie	1,1Ie
Continuous thermal current	5 A	-

Additional data

Mounting aperture	22.3 mm
Tightening torque (mounting nut)	1.3 ... 1.9 Nm



Release	pull to release
Mounting position	any
Standards	EN 60947-5-1, EN 60947-5-5, EN ISO 13850
Release force	≤ 30 N (new state)
Ld	20% (NC)
B10d [cycles]	170,000
Pollution degree	2

Note

- with switching position indicator
- O = NC contact; I = NO contact
- use partially or fully insulated Faston clamps

