

FRVKLOOP

17.03.2022

Illuminated emergency-stop

General Data

Type reference	FRVKLOOP
Description	Illuminated emergency-stop head, foolproof
Approvals	CCC, CE, cURus, TÜV_Süd, UKCA
Contact type	2 NC
Degree of protection	IP65 / IP67
Connection type	PCB-mount terminals
Contact material	AgNi
Max. storage temperature	-40°C ... 80°C
Max. operating temperature	-25°C ... 70°C
Mechanical life	50,000 switching cycles
Electrical life (rated load)	50,000 switching cycles at rated load
Contact resistance NC	< 50 mOhm (new state)
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	-

Technical Data - Lamp

Lamp socket	none, with integrated 3 mm LED
Max. lamp voltage	30 V AC/DC
Max. lamp output	4 mA at 24 V DC)
Definition	X1 ...anode, X2...cathode



Additional data

Mounting aperture	22.3 mm
Tightening torque (mounting nut)	1.3 ... 1.9 Nm
Release	twist release, left or right
Mounting position	any
Standards	EN 60947-5-1, EN 60947-5-5, EN ISO 13850
Ld	20% (NC)
B10d [cycles]	250,000
Rated impulse voltage	2.5 kV
Overvoltage category	II
Pollution degree	2

Note

O = NC contact
with switching position indicator

Use partially or fully insulated Faston clamps

Data acc. to UL

Rating contact block	B300, 24 V dc/3 A
Lamp rating	LED: 30 V AC/DC (4 mA at 24 V)
Enclosure Type	Type 4X (indoor) front face

