

## FRVKLOO

05.10.2021

### Illuminated emergency-stop



#### General Data

Type reference:	FRVKLOO
Description:	Illuminated emergency-stop head, foolproof
Approvals:	CCC, CE, cURus, TÜV_Süd, UKCA
Contact type:	2NC
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:	50,000
Electrical life (rated load):	50,000 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	10 $I_e$	1,1 $I_e$
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

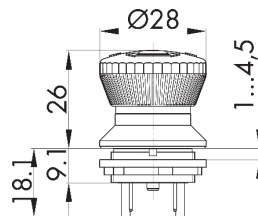
O = NC contact; I = NO contact  
with switching position indicator

Use partially or fully insulated Faston clamps

### Data acc. to UL

Rating contact block:	Silver: B300, 24V DC/3A Gold: 42V DC/100mA
Lamp rating:	LED: 30 Vac/Dc (4 mA at 24 V)
Enclosure Type:	Type 4X (indoor) front face
Operating temperature:	10°C...40°C

### Dimensional drawing



### Circuit diagram

