

Emergency-Stop for hygienic applications FRVKPOOI

General Data

Type reference	FRVKPOOI
Description	Emergency-stop Head, foolproof
Approvals	CE, DGUV_Test, TÜV_Süd, UR
Nature of contact	2NC + 1NO
Degree of protection	IP66 / IP67 / IP69K
Connection type	Faston terminals 2.8x0.8 mm
Contact material	AgNi
Max. storage temperature	-40°C ... 80°C
Max. operating temperature	-30°C ... 70°C
Mechanical life	20.000 (20°C) >6050 (-25°C) >6050 (+70°C)
Electrical life (rated load)	50,000 at rated load
Contact resistance NC	< 50 mOhm (new state)
Bouncing time NO	< 10ms
Bouncing time NC	< 10 ms
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 Ui	250 V	250 V
Rated operating voltage Ue	240V / 120V	250V / 125V / 60V / 24V
Rated operating current Ie	1.5A / 3A	0.27 A / 0.55 A / 1 A / 2 A
Breaking capacity	10Ie	1,1Ie
Continuous thermal current	5A	

Additional Data

Mounting aperture	22.3mm
Tightening torque (mounting nut)	1.0 ... 1.7 Nm
Release	twist release, left or right

Mounting position	any
Standards	EN 60947-5-1, EN 60947-5-5, EN ISO 13850

Reliability Data

Ld	20% (NC)
B10d	150,000 (20°C)
Overvoltage category	II
Pollution degree	2

Note

for hygienic applications

Use partially or fully insulated Faston clamps

Use in hygienic areas:

- permanently suitable from -30°C to +50°C and with food contact temporarily up to +70°C
- migration testing (OML) according to EU regulation no.10/2011 using ethanol (50%) and acetic acid (3%) at 40°C/1h, ethanol(95%), 40°C/0.5h
- ethanol (95%) at 40°C/0.5h
- The emergency stop should be installed in a way to exclude a deposit of residues both in its active and non-active state.

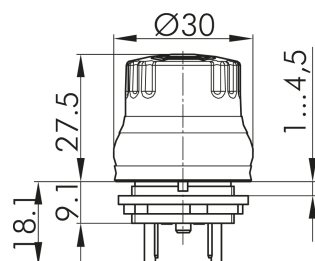
Test Data acc. to UL 508

Rating contact block	Silver: B300, 24V DC/3A Gold: 42V DC/100mA
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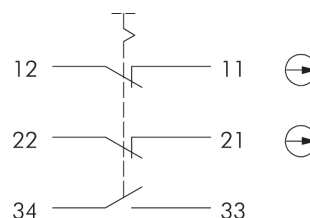
Fotografia:



Dimensiones:



Esquema eléctrico:



Taladro de montaje:

