

Emergency-stop made of aluminium for robust applications

FRVKALOOI

General Data

Type reference	FRVKAL(O)(OO)(OOO)(OI)(OOI)(OII)(P)(Z)(LZ)(_AU)(_R0)
Description	Emergency-stop Head, aluminium version, foolproof
Approvals	CE, TÜV_Süd, UR
Nature of contact	1NC / 2NC / 3 NC / 1 NC+1NO / 2NC+1NO / 1NC+2NO
Degree of protection	IP65 / IP67
Connection type	Faston terminals 2.8x0.8 mm / PCB-mount terminals
Contact material	AgNi / AgNi, gold-plated 5µm
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 NO	< 50 mOhm (new state)
Contact resistance NC	< 50 mOhm (new state)
Bouncing time NO	< 10 ms
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)	1.3 ... 1.9 Nm
Release	twist release, left or right

Mounting position	any
Standards	EN 60947-5-1, EN 60947-5-5, EN ISO 13850
Pollution degree	3

Reliability Data

Ld	20% (NC)
B10d	250,000

Note

with switching position indicator

Electrical Features - 5µm gold-plating (type addition ...AU)
 Switching voltage 20mV ... 42V AC/DC
 Switching current 1mA ... 250mA

For the version with Faston terminals use partially or fully insulated Faston clamps.
 Version with 3 contacts: overvoltage category II (2.5 kV), pollution degree 2

Test Data acc. to UL 508

Rating contact block	Silver: B300, 24V DC/3A Gold: 42V DC/100mA
Lamp rating	LED: 30 Vac/Dc (4 mA at 24 V)

Fotografia:



Dimensiones:



