

YVLOO

01.06.2021

**Illuminated emergency-stop - 2NC**



**General Data**

Type reference	YVLOO
Description	Emergency-stop head, foolproof
Approvals	CE, TÜV_Süd, UKCA, UR
Contact type	2 NC
Degree of protection	IP65 / IP67 / IP69K
Connection type	Faston terminals 2.8 mm x 0.5 mm
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	< 20 mOhm
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	DC13
Rated insulation voltage Ui	250 V	250 V
Rated operating voltage Ue	35 V	35 V
Rated operating current Ie	5 A	2 A
Breaking capacity	10Ie	1,1Ie
Continuous thermal current	5 A	-

**Technical Data - Lamp**

Lamp socket	none, with integrated LED
Max. lamp voltage	30 V AC/DC
Max. lamp output	8mA/4.5 mA (at 24 V DC/AC)
Definition	X1 ...anode, X2...cathode



### Additional data

Mounting aperture	16.2 mm
Tightening torque (mounting nut)	0.8 ... 1.5 Nm
Release	twist release, left or right
Mounting position	any
Standards	EN 60947-5-1, EN 60947-5-5, EN ISO 13850
Material group	I
Overvoltage category	II
Pollution degree	2
Ld	20% (NC)
B10d [cycles]	

### Note

with switching position indicator  
O= NC contact, L = lamp

Use partially insulated Faston clamps (for versions with Faston connections)!  
Recommended Schlegel type:  
"FHTI2,8x0,5\_01"  
0.5-1.5mm<sup>2</sup> (AWG 20-16)  
-30°C - 75°C

### Data acc. to UL508, IEC60947-5-5

Tightening torque (mounting nut)	0.8 ... 1.5 Nm (plastic nut) 1,2 Nm (metal nut)
Rating contact block	C300, 35V/2A R300, 35V/2A
Lamp rating	30 V AC/DC; Rated power max.: 8mA/4.5mA (at 24 V DC/AC)
Enclosure Type	Type 1 (front face)



