

YVLOO_AU

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Illuminated emergency-stop - 2NC



General Data

Type reference	YVLOO_AU
Description	Emergency-stop head, foolproof
Approvals	CE, cURus, TÜV_Süd, UKCA
Contact type	2 NC
Degree of protection	IP65 / IP67 / IP69K
Connection type	Faston terminals 2.8 mm x 0.5 mm
Contact material	AgNi, gold-plated 5µm
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
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	-	-
Rated insulation voltage Ui	250 V	250 V
Rated operating voltage Ue	-	-
Rated operating current Ie	-	-
Breaking capacity	-	-
Continuous thermal current	-	-

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

Electrical features - 5µm gold-plating, type addition ...AU

Operational voltage	20 mV...35 V AC/DC
Operational current AC/DC	1mA ... 100mA
Ld	20% (NC)
B10d [cycles]	250,000

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"
0.5-1.5mm² (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	Max. 35 V AC/DC 100 mA
Lamp rating	30 V AC/DC; Rated power max.: 8mA/4.5mA (at 24 V DC/AC)
Enclosure Type	Type 1 (front face)



