

YPVOO\_AU

07.06.2021

**Emergency-stop - 2 NC with pull release**



**General Data**

Type reference	YPVOO_AU
Description	Emergency-stop head, foolproof, pull release
Approvals	CE, cURus, 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	30,000 switching cycles
Electrical life (rated load)	30,000 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	-	-

**Additional data**

Mounting aperture	16.2 mm
Tightening torque (mounting nut)	0.8 ... 1.5 Nm
Release	pull to release
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

Operating force max. 40 N (at 20 mm/min)

Release force 20 N <= Fe <= 50 N

Ld 20% (NC)

B10d [cycles] 179,000

### Note

with switching position indicator  
O = NC contact

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 Max. 35 V AC/DC 100 mA

Enclosure Type Type 1 (front face)



