

Datasheet

→ **YVLO** 

06/08/2026



Technical data

Compact illuminated emergency stop

Type	YVLO
Series	MYnitron®
Rubric	Emergency-stop
Approvals	CE, cURus, TÜV_Süd, UKCA



→ General data

Design	Round
Illumination	Yes
Operating temperature	-25 °C ... 70 °C
Panel cut-out	Ø 16.2 mm
Mounting depth	18 mm
Lens colour	Red
Enclosure colour	Yellow
Contact material	AgNi
Storage temperature	-40 °C ... 80 °C
Standards	IEC/EN 60947-5-1 IEC/EN 60947-5-5 EN ISO 13850
Degree of protection front	IP65 IP67 IP69K
Material group	I

→ Electrical data

Rated operating voltage IEC/EN 60947-5-1	35 V AC 35 V DC
Rated operating current IEC/EN 60947-5-1	5 A AC 2 A DC
Rated insulation voltage IEC/EN 60947-5-1	250 V AC 250 V DC
Contact resistance	< 20 mΩ NC new state
Electrical lifetime	50,000 switching cycles at rated voltage
Enclosure type UL 508, IEC 60947-5-5	Type 1 (front face)
Utilisation category IEC/EN 60947-5-1	AC-15 DC-13
Contact type	1NC
Lamp rating UL 508, IEC 60947-5-5	30 V AC/DC Rated power max. 8 mA AC/DC Rated power max. 4.5 mA AC/DC at 24 V
Illuminant power	max. 8 mA AC/DC max. 4.5 mA AC/DC 24 V
Illuminant	LED integrated
Illuminant connection	X1...anode, X2...cathode
Operating voltage illuminant	max. 30 V AC/DC
Bouncing time	< 10 ms NC
Rating UL 508, IEC 60947-5-5	C300 35 V / 2 A Contact block R300 35 V / 2 A Contact block
Switching capacity	35 V AC/DC 5 A 35 V 250 mA AC/DC
Breaking capacity IEC/EN 60947-5-1	10 I _e AC 1.1 I _e DC
Thermal continuous current IEC/EN 60947-5-1	5 A AC

Overvoltage category	II
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Pollution degree	2
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Notes

- Use partially insulated blade receptacles

→ Mechanical data

Connection	Faston terminals 2.8 mm x 0.5 mm
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Tightening torque fixing nut	0.8 Nm ... 1.5 Nm
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Mounting position	Any
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Release	Twist to release left/right
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Mechanical lifetime	50,000 switching cycles
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Switching position indicator	Yes
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Positive opening	Acc. to EN60947-5-1, appendix K
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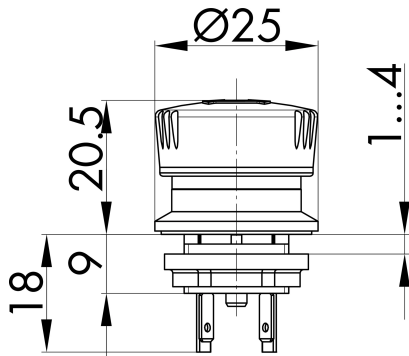
→ Safety data

B10d	250,000
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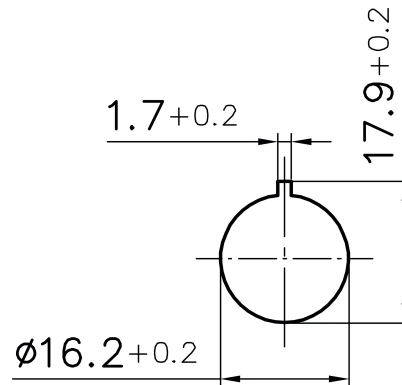
Lifetime	20 % NC
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Technical drawings

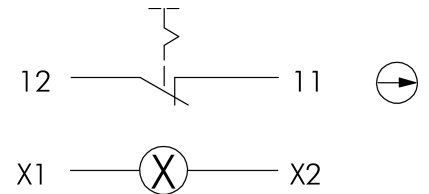
→ Dimensional drawing



→ Cutout dimensions



→ Circuit diagram



Awards



reddot winner 2024
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