

# Product data sheet

Specifications



Latching emergency stop trip wire switch, Telemecanique Emergency stop rope pull switches XY2C, rope pull e XY2CE, RH side -2NC, booted pushbutton

XY2CE1A270EX

## Main

Range of product	Telemecanique Emergency stop rope pull switches XY2C
Product or component type	Latching emergency stop trip wire switch
Device short name	XY2CE
Local signalling	Without pilot light
Reset	By booted push-button
Contacts type and composition	2 NC
Trigger cable anchor point	RH side

## Complementary

Number of cables	1
Trigger cable maximum length	70 m
Housing colour	Red RAL 3000
Auxiliary contacts operation	Slow-break
Connections - terminals	Screw clamp terminal, 1 x 0.5...2 x 1.5 mm²
Tightening torque	0.8...1.2 N.m
Cable entry number	1 plain hole for ISO M20 cable gland 2 plain hole with blanking plug for
Marking	II2 D-Ex tb IIIC T85°C Db IP65
Safety level	Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach SIL 3 conforming to EN/IEC 61508
Safety reliability data	B10d = 300000 value given for a life time of 20 years limited by mechanical or contact wear
Mechanical durability	60000 cycles
Distance between cable supports	10 m
[Ie] rated operational current	3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A 0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	400 V (pollution degree 3) conforming to EN/IEC 60947-1 300 V conforming to UL 508 300 V conforming to CSA C22.2 No 14

<b>[Uimp] rated impulse withstand voltage</b>	4 kV
<b>Positive opening</b>	With conforming to EN/IEC 60947-5-1 section 3
<b>Maximum resistance across terminals</b>	25 MOhm conforming to EN/IEC 60255-7 category 3 25 MOhm conforming to NF C 93-050 method A
<b>Short-circuit protection</b>	10 A cartridge fuse type gG conforming to EN/IEC 60269
<b>Width</b>	195 mm
<b>Depth</b>	105 mm
<b>Height</b>	142 mm

## Environment

<b>Standards</b>	EN/IEC 60079-0 EN/IEC 60079-31
<b>Directives</b>	2014/34/EU - ATEX directive
<b>Dust zone</b>	Zone 21 - 22
<b>Product certifications</b>	INERIS 04ATEX0015 IEC-Ex INE 16.0001X
<b>Protective treatment</b>	TC
<b>Ambient air temperature for operation</b>	-20...60 °C
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Vibration resistance</b>	10 gn (f= 10...300 Hz) conforming to EN/IEC 60068-2-6
<b>Shock resistance</b>	50 gn 11 ms conforming to EN/IEC 60068-2-27
<b>Electrical shock protection class</b>	Class I conforming to EN/IEC 61140 Class I conforming to NF C 20-030
<b>IP degree of protection</b>	IP65

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	20.5 cm
<b>Package 1 Width</b>	15.5 cm
<b>Package 1 Length</b>	9 cm
<b>Package 1 Weight</b>	1.597 kg

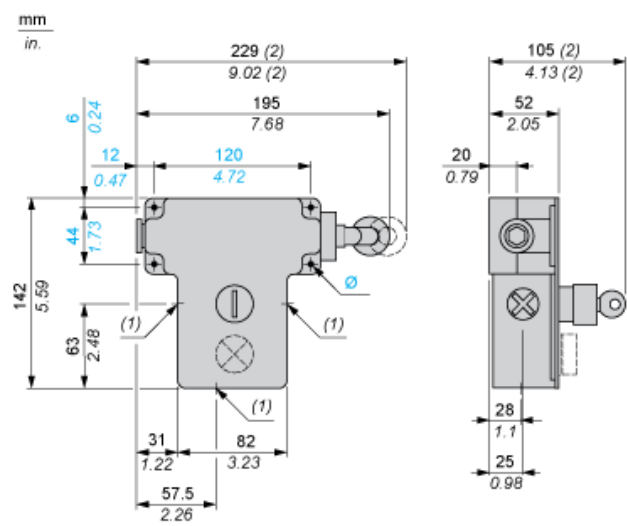
## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>California proposition 65</b>	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

Contractual warranty

Warranty	18 months
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Dimensions

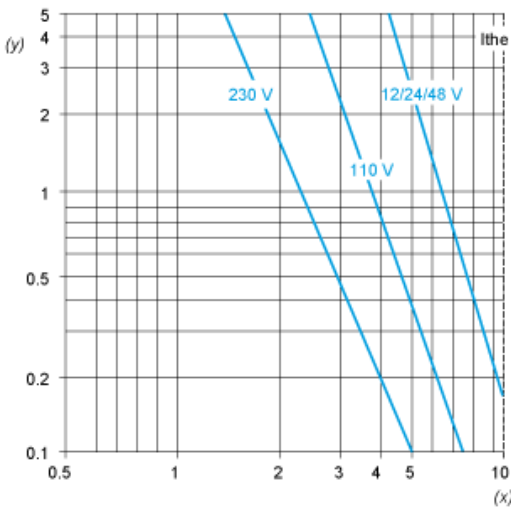


- (1) 3 plain holes for n° 13 (Pg 13.5) cable gland
- (2) Maximum extension.
- Ø 4 elongated holes Ø 6 mm/0.24 in.

Electrical Curves

AC Supply 50/60 Hz Inductive Circuit

2-pole Contact Block



Y Millions of operating cycles  
X Current in A

DC Supply Power Broken in for 1 Million Operating Cycles Inductive Circuit

Voltage	V	24	48	120
mm	W	13	9	7

Recommended replacement(s)