### Product data sheet Characteristics

### XY2CH13270H29

Latching emergency stop rope pull switch, Telemecanique rope pull switches XY2C, e XY2CH, 2NC, booted pushbutton





#### Main

IVIAIII	
Range of Product	Telemecanique Emergency stop rope pull switches XY2C
Product or Component Type	Latching emergency stop rope pull switch
Device short name	XY2CH
Housing colour	Red RAL 3000
Overvoltage category	Class I EN/IEC 61140 Class I NF C 20-030

Complementary

Complementary			
Local signalling	Without pilot light		
Number of cables	1		
Trigger cable maximum length	98.43 ft (30 m)		
Body Material	Zamak		
Cover Material	Stainless steel		
Reset	By booted push-button		
Contacts type and composition	2 NC		
Contact operation	Slow-break		
Trigger cable anchor point	RH or LH side		
Connections - terminals	Screw clamp terminal, 1 x 0.52 x 1.5 mm²		
Tightening torque	7.0810.62 lbf.in (0.81.2 N.m)		
Cable entry number	3 tapped entry ISO M20 cable gland		
Safety level	Can reach PL = e with the appropriate monitoring system and correctly wired EN/ ISO 13849-1 Can reach category 4 with the appropriate monitoring system and correctly wired EN/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired EN/ IEC 61508		
Safety reliability data	B10d = 4000000 value given for a life time of 20 years limited by mechanical or contact wear IEC 60947-5-5		
Marking	CE		
Mechanical durability	800000 cycles		
Distance between cable supports	16.40 ft (5 m)		
[le] rated operational current	3 A 240 V, AC-15, A300 EN/IEC 60947-5-1 appendix A 0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1 appendix A		
[Ithe] conventional enclosed thermal current	10 A		
[Ui] rated insulation voltage	500 V 3)EN/IEC 60947-1 300 VUL 508		
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-1		
Positive opening	With EN/IEC 60947-5-1		
Maximum resistance across terminals	25 MOhm EN/IEC 60255-7 category 3 25 MOhm NF C 93-050 method A		
Short-circuit protection	10 A cartridge fuse gG EN/IEC 60269		
Terminals description ISO n°1	(11-22)NC (21-22)NC		

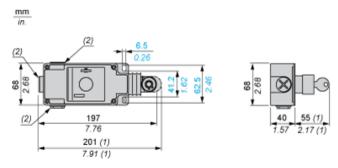
1.91 lb(US) (0.865 kg)		
XY2CH		
EN/IEC 60947-5-1		
EN/IEC 60204-1 EN/IEC 60947-5-5		
Work equipment directive 2009/104/EC		
Machinery directive 2006/42/EC		
EN/ISO 13850		
UL category NISD emergency stop devices CCC		
TC		
-13158 °F (-2570 °C)		
-40158 °F (-4070 °C)		
10 gn 10150 Hz)EN/IEC 60068-2-6		
50 gn 11 ms EN/IEC 60068-2-27		
IP65 IEC 60529		
22441-LIMIT SWITCHES,CABLE PULL		
Т		
3389110973525		
1		
2.24 lb(US) (1.017 kg)		
No		
PCE		
3.15 in (8 cm)		
3.70 in (9.4 cm)		
7.72 in (19.6 cm)		
S03		
10		
23.63 lb(US) (10.72 kg)		
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### Contractual warranty

## Product data sheet **Dimensions Drawings**

# XY2CH13270H29

#### **Dimensions**



- (1) Maximum extension.(2) Tapped entry for ISO M20

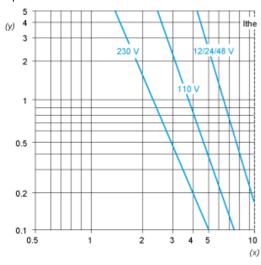
### Product data sheet **Performance Curves**

## XY2CH13270H29

#### **Electrical Curves**

#### AC Supply 50/60 Hz Inductive Circuit

#### 2-pole Contact Block



Millions of operating cycles

Y X Current in A

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

Voltage	V	24	48	120
m	W	13	9	7