

# Product data sheet

## Characteristics

# XY2CH13190H7

Latching emergency stop rope pull switch,  
Telemecanique rope pull switches XY2C, e  
XY2CH, 2NC+1 NO, flush pushbutton



Product availability: Stock - Normally stocked in distribution facility

Price\*: 309.00 USD



## Main

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 conforming to EN/IEC 61140 Class I NF C 20-030

## 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 flush push-button
Contacts type and composition	2 NC + 1 NO
Contact operation	Slow-break
Trigger cable anchor point	RH or LH side
Connections - terminals	Screw clamp terminal, 1 x 0.34...1 x 1 mm <sup>2</sup> Screw clamp terminal, 1 x 0.34...2 x 0.75 mm <sup>2</sup>
Tightening torque	7.08...10.62 Lbf.In (0.8...1.2 N.m)
Cable entry number	3 tapped entry 1/2" NPT conduit entry
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 with the appropriate monitoring system and correctly wired conforming to 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)
[Ie] rated operational current	0.1 A 250 V, DC-13, R300 EN/IEC 60947-5-1 appendix A 1.5 A 240 V, AC-15, B300 EN/IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	6 A
[Ui] rated insulation voltage	400 V 3)EN/IEC 60947-1 300 VUL 508 300 VCSA C22.2 No 14
[Uimp] rated impulse withstand voltage	4 KV EN/IEC 60947-1
Positive opening	With conforming to EN/IEC 60947-5-1
Maximum resistance across terminals	25 MOhm conforming to EN/IEC 60255-7 category 3 25 MOhm conforming to NF C 93-050 method A
Short-circuit protection	6 A cartridge fuse gG EN/IEC 60269
Terminals description ISO n°1	(31-32)NC (21-22)NC (13-14)NO
Product Weight	1.91 Lb(US) (0.865 kg)
Compatibility code	XY2CH

## Environment

Standards	EN/IEC 60204-1 CSA C22.2 No 14 Work equipment directive 2009/104/EC EN/ISO 13850 EN/IEC 60947-5-1 EN/IEC 60947-5-5 UL 508 Machinery directive 2006/42/EC
Product certifications	UL category NISD emergency stop devices CSA CCC
Protective treatment	TC
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Vibration resistance	10 gn 10...150 Hz)EN/IEC 60068-2-6
Shock resistance	50 gn 11 ms conforming to EN/IEC 60068-2-27
IP degree of protection	IP65 IEC 60529

## Ordering and shipping details

Category	22441 - LIMIT SWITCHES,CABLE PULL
Discount Schedule	T
GTIN	03389119074070
Nbr. of units in pkg.	1
Package weight(Lbs)	2.22 Lb(US) (1.005 kg)
Returnability	Yes
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.62 In (9.2 cm)
Package 1 width	3.15 In (8 cm)
Package 1 Length	7.68 In (19.5 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Weight	24.46 Lb(US) (11.093 kg)
Package 2 Height	11.81 In (30 cm)

Package 2 width	11.81 In (30 cm)
Package 2 Length	15.75 In (40 cm)

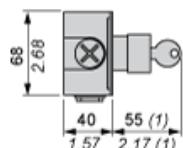
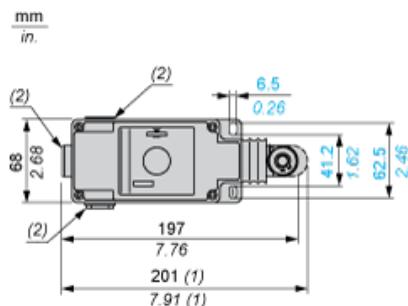
### Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl 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>
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>

### Contractual warranty

Warranty	18 months
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Dimensions



(1) Maximum extension.  
(2) Tapped entry for 1/2" NPT

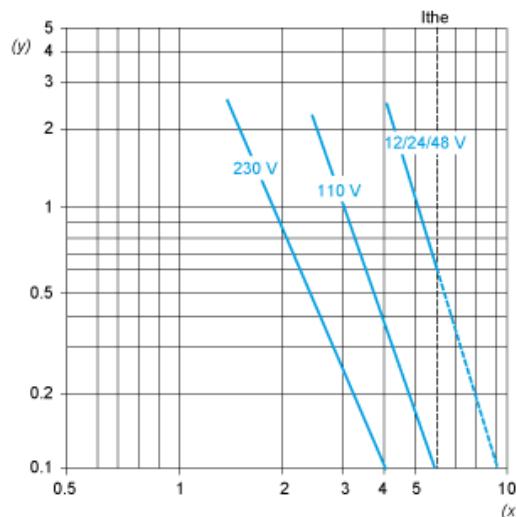
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### Electrical Curves

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

3-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	4	3	2

Product Life Status : **Commercialised**