# XY2CH13250



relevant specific application or use thereof.

herein.

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or that approducts for specific cust sear applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the releva Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misues of the information contained herein.



## Main

Range of product	Preventa XY2		
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 conforming to NF C 20-030		

## Complementary

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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	1 NC + 1 NO		
Contact operation	Slow-break		
Trigger cable anchor point	RH or LH side		
Connections - terminals	Screw clamp terminal 1 x 0.52 x 1.5 mm <sup>2</sup>		
Tightening torque	7.0810.62 lbf.in (0.81.2 N.m)		
Cable entry number	3 tapped entry Pg 13.5 cable gland		
Safety level	Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach PL = e 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 with value given for a life time of 20 years limited by mechanical or contact wear conforming to IEC 60947-5-5		
Marking	CE		
Mechanical durability	800000 cycles		
Distance between cable supports	16.4 ft (5 m)		
[le] 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	500 V (degree of pollution: 3) conforming to EN/IEC 60947-1 300 V (degree of pollution: conforming to UL 508		
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-1		
Positive opening	With conforming to EN/IEC 60947-5-1		
Resistance across terminals	<= 25 MOhm conforming to NF C 93-050 method A <= 25 MOhm conforming to EN/IEC 60255-7 category 3		
Short-circuit protection	10 A by gG cartridge fuse conforming to EN/IEC 60269		
Terminals description ISO n°1	(13-14)NO (21-22)NC		
Product weight	1.91 lb(US) (0.865 kg)		

## **Environment**

EN/IEC 60204-1



	EN/IEC 60947-5-1		
	EN/IEC 60947-5-5		
	EN/ISO 13850		
	Machinery directive 2006/42/EC		
	Work equipment directive 2009/104/EC		
product certifications	UL category NISD emergency stop devices CCC		
protective treatment	TC		
ambient air temperature for operation	-13158 °F (-2570 °C)		
ambient air temperature for storage	-40158 °F (-4070 °C)		
vibration resistance	10 gn (f = 10150 Hz) conforming to EN/IEC 60068-2-6		
shock resistance	50 gn 11 ms conforming to EN/IEC 60068-2-27		
IP degree of protection	IP65 conforming to IEC 60529		

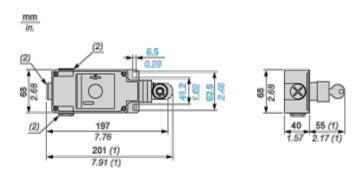
# **Offer Sustainability**

Green Premium product	Green Premium product				
Compliant - since 1004 - Schneider Electric declaration of conformity	n Compliant - since 1004 - Schneider Electric declaration of conformity				
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold				
Available	Available				
Need no specific recycling operations	Need no specific recycling operations				
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:				
Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	e Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and				
Di-isodecyl phthalate (DIDP), which is known to the Stat of California to cause birth defects or other reproductive harm.	eDi-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.				
For more information go to www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov				

#### Contractual warranty

Warranty period 18 months

## Dimensions



(1) Maximum extension.

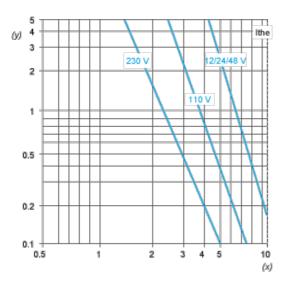
(2) Tapped entry for n° 13 (Pg 13.5) cable entry

#### **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
m	W	13	9	7

