Product data sheet Characteristics

XY2CH13250H29

e-stop rope pull switch XY2CH - 1NC+1NO - booted pushbutton





Main

Preventa XY2	
Latching emergency stop rope pull switch	
XY2CH	
Red RAL 3000	
Class I conforming to EN/IEC 61140 Class I conforming to NF C 20-030	

Complementary

Local signalling	Without pilot light		
Number of cables	1		
Trigger cable maximum length	30 m		
Body material	Zamak		
Cover material	Stainless steel		
Reset	By booted push-button		
Contacts type and composition	1 NC + 1 NO		
Contacts operation	Slow-break		
Trigger cable anchor point	RH or LH side		
Connections - terminals	Screw clamp terminal 1 x 0.52 x 1.5 mm ²		
Tightening torque	0.81.2 N.m		
Cable entry number	3 tapped entry for ISO M20 cable gland		
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 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	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 EN/IEC 60255-7 category 3 <= 25 MOhm conforming to NF C 93-050 method A		
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	0.865 kg		

Environment

Standards	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 for category NISD emergency stop devices CCC		
Protective treatment	TC		
Ambient air temperature for operation	-2570 °C		
Ambient air temperature for storage	-4070 °C		
Vibration resistance	10 gn (f = 10150 Hz) conforming to EN/IEC 60068-2-6		
Shock resistance	50 gn for 11 ms conforming to EN/IEC 60068-2-27		
IP degree of protection	IP65 for conforming to IEC 60529		

Offer Sustainability

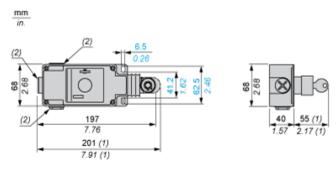
Sustainable offer status Green Premium product			
RoHS (date code: YYWW)	Compliant - since 1004 - Schneider Electric declaration of conformity		
REACh	Reference not containing SVHC above the threshold		
Product environmental profile	Available 🔁 Download Product Environmental		
Product end of life instructions	of life instructions Need no specific recycling operations		



Product data sheet **Dimensions Drawings**

XY2CH13250H29

Dimensions



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

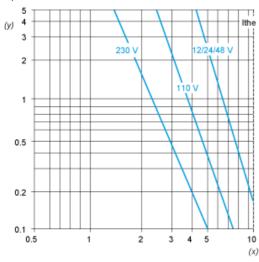
Product data sheet **Performance Curves**

XY2CH13250H29

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