

Product data sheet Characteristics

XY2CH13250

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





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 conforming to NF C 20-030	

Complementary

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	
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 ²	
Tightening torque	0.81.2 N.m	
Cable entry number	3 tapped entry for Pg 13.5 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 conforming to IEC 60947-5-5 value given for a life time of 20 years limited by mechanical or contact wear	
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 (pollution degree 3) conforming to EN/IEC 60947-1 300 V 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	
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	10 A cartridge fuse type gG conforming to EN/IEC 60269	

Terminals description ISO n°1	(13-14)NO (21-22)NC	
Net weight	0.865 kg	
Compatibility code	XY2CH	

Environment

ZIIVII OI III IIOI II			
Standards	EN/IEC 60947-5-1 EN/IEC 60204-1 Machinery directive 2006/42/EC EN/IEC 60947-5-5 EN/ISO 13850 Work equipment directive 2009/104/EC		
Product certifications	UL 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 11 ms conforming to EN/IEC 60068-2-27		
IP degree of protection	IP65 conforming to IEC 60529		

Packing Units

r acking onits	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.2 cm
Package 1 Width	8.0 cm
Package 1 Length	19.6 cm
Package 1 Weight	1.01 kg
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	10.65 kg
Unit Type of Package 3	P06
Number of Units in Package 3	80
Package 3 Height	77.0 cm
Package 3 Width	80.0 cm
Package 3 Length	60.0 cm
Package 3 Weight	93.7 kg

Offer Sustainability

Sustainable offer status	Green Premium product	
REACh Regulation	☑ REACh Declaration	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)	
Mercury free	Yes	
RoHS exemption information	⊈ Yes	
rcularity Profile No need of specific recycling operations		

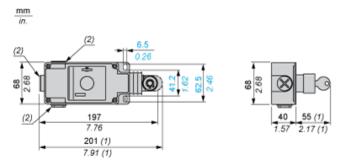
Contractual warranty

Warranty	18 months

Product data sheet **Dimensions Drawings**

XY2CH13250

Dimensions



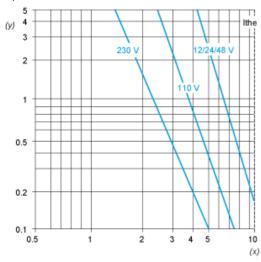
- (1) Maximum extension.
 (2) Tapped entry for n° 13 (Pg 13.5) cable entry

XY2CH13250

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