XY2CH13470

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



Main		
Range of product	Telemecanique Emergency stop rope pull switches XY2C Latching emergency stop rope pull switch	
Product or component type		
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 key-release push-button		
Key number	421		
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	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	(21-22)NC (11-22)NC		

Net weight	0.91 kg		
Compatibility code	XY2CH		
Environment			
Standards	Machinery directive 2006/42/EC EN/IEC 60947-5-1 EN/ISO 13850 EN/IEC 60947-5-5 Work equipment directive 2009/104/EC EN/IEC 60204-1		
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 Unit Type of Package 1	PCE		
Number of Units in Package 1	1		
Package 1 Height	8.0 cm		
Package 1 Width	10.5 cm		
Package 1 Length	20.5 cm		
Package 1 Weight	960.0 g		
Offer Sustainability			
Sustainable offer status	Green Premium product		
Circularity Profile	No need of specific recycling operations		
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl 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 www.P65Warnings.ca.gov		
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com		

18 months

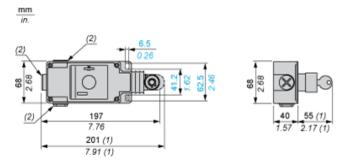
Contractual warranty

Warranty

Product data sheet **Dimensions Drawings**

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Dimensions



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

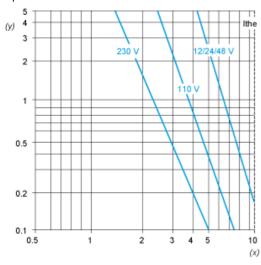
Product data sheet **Performance Curves**

XY2CH13470

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