Product data sheet Characteristics

XY2CH13350

Latching emergency stop rope pull switch, Telemecanique rope pull switches XY2C, e XY2CH, 1NC+1 NO, mushroom head 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 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 mushroom head 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	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 PL = e with the appropriate monitoring system and correctly wired EN/ ISO 13849-1 Can reach category 4 with the appropriate monitoring system and correctly wired EN/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired 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)	
[le] rated operational current	3 A 240 V, AC-15, A300 EN/IEC 60947-5-1 appendix A 0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1 appendix A	
[Ithe] conventional enclosed thermal current	10 A	
[Ui] rated insulation voltage	500 V 3)EN/IEC 60947-1 300 VUL 508	
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-1	
Positive opening	With EN/IEC 60947-5-1	
Maximum resistance across terminals	25 MOhm EN/IEC 60255-7 category 3 25 MOhm NF C 93-050 method A	
Short-circuit protection	10 A cartridge fuse gG EN/IEC 60269	

Terminals description ISO n°1	(13-14)NO (21-22)NC
Product Weight	1.98 lb(US) (0.9 kg)
Compatibility code	XY2CH

Environment

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Standards	EN/IEC 60204-1 Work equipment directive 2009/104/EC EN/IEC 60947-5-1 EN/ISO 13850 Machinery directive 2006/42/EC EN/IEC 60947-5-5	
Product certifications	CCC category NISD emergency stop devices UL	
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 10150 Hz)EN/IEC 60068-2-6	
Shock resistance	50 gn 11 ms 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	3389118210219	
Returnability	No	
Country of origin	MA	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

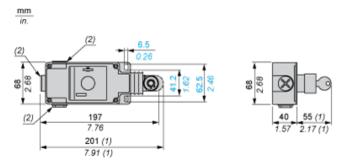
Offer Sustainability

Sustainable offer status	Green Premium product	
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	
REACh Regulation	☑ REACh Declaration	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)	
Mercury free	Yes	
RoHS exemption information	₫Yes	
Environmental Disclosure	Product Environmental Profile	

Contractual warranty

Warranty	18 months

Dimensions



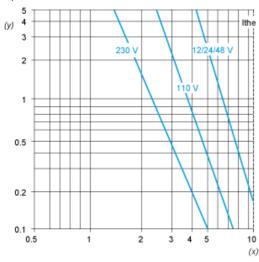
- (1) Maximum extension.
 (2) Tapped entry for n° 13 (Pg 13.5) cable entry

Product data sheet **Performance Curves**

Electrical Curves

AC Supply 50/60 Hz Inductive Circuit

2-pole Contact Block



Y X Millions of operating cycles

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