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

Widin	
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	
Net Weight	1.98 lb(US) (0.9 kg)	
Compatibility code	XY2CH	

Environment

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	Т	
GTIN	3389118210219	
Nbr. of units in pkg.	1	
Package weight(Lbs)	2.17 lb(US) (0.98 kg)	
Returnability	No	
Country of origin	MA	
<u> </u>		

Packing Units

Package 1 Height	0.090 dm	
Package 1 width	0.080 dm	
Package 1 Length	1.950 dm	

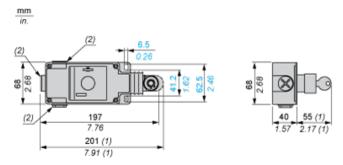
Offer Sustainability

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) EU RoHS Declaration		
Mercury free	Yes		
RoHS exemption information	₫Yes		
Environmental Disclosure			

Contractual warranty

14/	40	
Warranty	18 months	

Dimensions



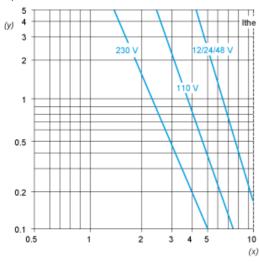
- (1) Maximum extension.
 (2) Tapped entry for n° 13 (Pg 13.5) cable entry

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