

Latching emergency stop rope pull switch,  
Telemecanique rope pull switches XY2C, e  
XY2CJ, right side, 2NC+1 NO, ISO M20



## Main

Range of product	Telemecanique Emergency stop rope pull switches XY2C
Product or component type	Latching emergency stop rope pull switch
Device short name	XY2C
Housing colour	Red RAL 3000
Overvoltage category	Class I conforming to EN/IEC 61140

## Complementary

Local signalling	Color indicator
Number of cables	1
Trigger cable maximum length	30 m
Body material	Zamak
Cover material	Galvanised steel
Reset	By pull button
Contacts type and composition	2 NC + 1 NO
Contact operation	Slow-break
Trigger cable anchor point	RH side
Connections - terminals	Screw clamp terminal, 1 x 0.34...1 x 1 mm <sup>2</sup> Screw clamp terminal, 1 x 0.34...2 x 0.75 mm <sup>2</sup>
Tightening torque	0.8...1.2 N.m
Cable entry number	1 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 = 500000 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	100000 cycles
Distance between cable supports	5 m
[Ie] rated operational current	0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 appendix A 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	6 A
[Ui] rated insulation voltage	400 V (pollution degree 3) conforming to EN/IEC 60947-1 300 V conforming to UL 508 300 V conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	4 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	6 A cartridge fuse type gG conforming to EN/IEC 60269

Terminals description ISO n°1	(21-22)NC (31-32)NC (13-14)NO
Net weight	0.669 kg
Compatibility code	XY2CJ

## Environment

Standards	EN/IEC 60947-5-5 Machinery directive 2006/42/EC UL 508 EN/IEC 60204-1 EN/IEC 60947-5-1 Work equipment directive 2009/104/EC EN/ISO 13850 CSA C22.2 No 14
Product certifications	UL category NISD emergency stop devices[RETURN]CSA[RETURN]CCC[RETURN]EAC
Protective treatment	TC
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	10 gn (f= 10...150 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	IP66 conforming to IEC 60529 IP67 conforming to IEC 60529

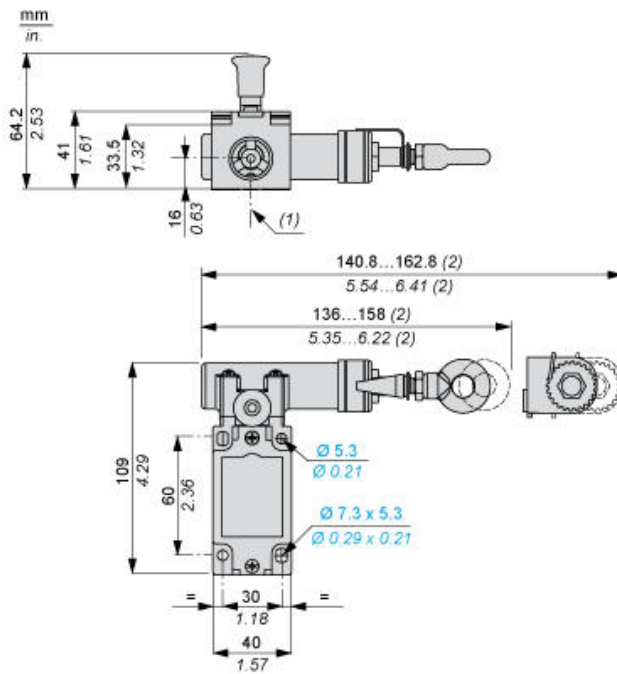
## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.0 cm
Package 1 Width	16.0 cm
Package 1 Length	20.3 cm
Package 1 Weight	818.0 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 Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>

## Dimensions

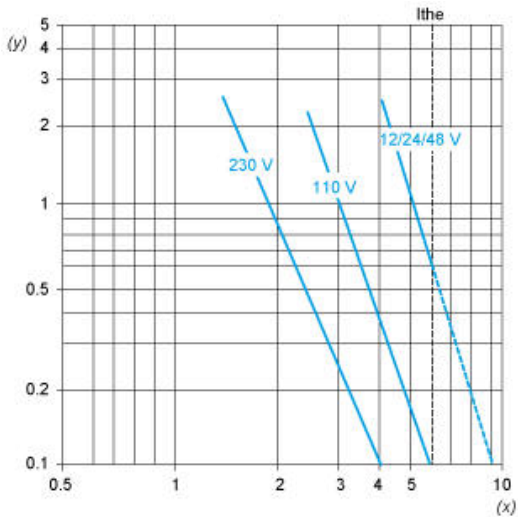


- (1) Tapped entry for ISO M20  
(2) Maximum extension.

Electrical Curves

AC Supply 50/60 Hz Inductive Circuit

3-pole Contact Block



Y Millions of operating cycles  
X Current in A

DC Supply Power Broken in for 1 Million Operating Cycles Inductive Circuit

Voltage	V	24	48	120
mm	W	4	3	2