

# XY2CE1A450EX

Latching emergency stop trip wire switch,  
Telemecanique Emergency stop rope pull  
switches XY2C, RH side, 1NC+1 NO, key  
release pushbutton



## Main

Range of product	Telemecanique Emergency stop rope pull switches XY2C
Product or component type	Latching emergency stop trip wire switch
Device short name	XY2CE
Local signalling	Without pilot light
Reset	By key-release push-button
Contacts type and composition	1 NC + 1 NO
Trigger cable anchor point	RH side

## Complementary

Number of cables	1
Trigger cable maximum length	70 m
Housing colour	Red RAL 3000
Key number	421
Auxiliary contacts operation	Slow-break
Connections - terminals	Screw clamp terminal, 1 x 0.5...2 x 1.5 mm <sup>2</sup>
Tightening torque	0.8...1.2 N.m
Cable entry number	1 plain hole for ISO M20 cable gland 2 plain hole with blanking plug for
Marking	II2 D-Ex tb IIIC T85°C Db IP65
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 conforming to EN/IEC 61508
Safety reliability data	B10d = 300000 value given for a life time of 20 years limited by mechanical or contact wear
Mechanical durability	60000 cycles
Distance between cable supports	10 m
[Ie] 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	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
Positive opening	With conforming to EN/IEC 60947-5-1 section 3
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
Width	195 mm
Depth	105 mm
Height	142 mm

## Environment

Standards	EN/IEC 60079-0 EN/IEC 60079-31
Directives	2014/34/EU - ATEX directive
Dust zone	Zone 21 - 22
Product certifications	INERIS 04ATEX0015[RETURN]IEC-Ex INE 16.0001X
Protective treatment	TC
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	10 gn (f= 10...300 Hz) conforming to EN/IEC 60068-2-6
Shock resistance	50 gn 11 ms conforming to EN/IEC 60068-2-27
Electrical shock protection class	Class I conforming to EN/IEC 61140 Class I conforming to NF C 20-030
IP degree of protection	IP65

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	20.5 cm
Package 1 Width	15.5 cm
Package 1 Length	9 cm
Package 1 Weight	1.597 kg

## 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 <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>

## Contractual warranty

Warranty	18 months
----------	-----------



Electrical Curves

AC Supply 50/60 Hz Inductive Circuit

2-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
<i>mm</i>	W	13	9	7