



Main

Range of product	Preventa XY2
Product or component type	Latching emergency stop rope pull switch
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

Local signalling	With pilot light, yellow, 24 V
Number of cables	1
Trigger cable maximum length	30 m
Body material	Zamak
Cover material	Stainless steel
Reset	By booted push-button
[Us] rated supply voltage	24 V
Contacts type and composition	2 NC + 1 NO
Contact operation	Slow-break
Trigger cable anchor point	RH or LH side
Light block supply	Direct
Connections - terminals	Screw clamp terminal, 1 x 0.34...1 x 1 mm ² Screw clamp terminal, 1 x 0.34...2 x 0.75 mm ²
Tightening torque	0.8...1.2 N.m
Cable entry number	3 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 = 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
[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
[Uimp] rated impulse withstand voltage	4 kV 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	(13-14)NO (21-22)NC (31-32)NC
Net weight	0.865 kg
Compatibility code	XY2CH

Environment

Standards	Machinery directive 2006/42/EC EN/IEC 60947-5-5 EN/IEC 60947-5-1 EN/IEC 60204-1 Work equipment directive 2009/104/EC EN/ISO 13850
Product certifications	UL category NISD emergency stop devices
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	IP65 conforming to IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.11 kg
Package 1 Height	8 cm
Package 1 width	9.5 cm
Package 1 Length	19.5 cm
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Weight	11.651 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

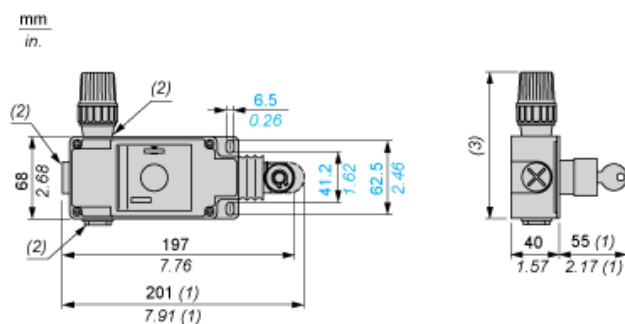
Offer Sustainability

Sustainable offer status	Green Premium product
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	 Product Environmental Profile

Contractual warranty

Warranty	18 months
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Dimensions

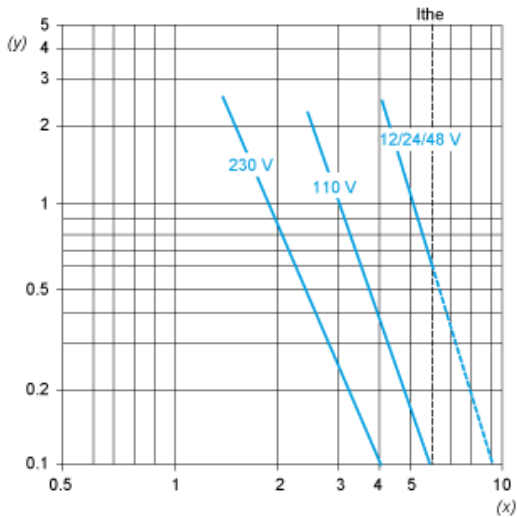


- (1) Maximum extension.
- (2) Tapped entry for ISO M20
- (3) 121 mm/4.76 in.: 24 V and 48 V versions. 131 mm/5.16 in.: 130 V and 230 V versions.

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