



Main

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|---------------------------|--|
| 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 booted push-button |
| Contacts type and composition | 2 NC |
| Contact operation | Slow-break |
| Trigger cable anchor point | RH or LH side |
| Connections - terminals | Screw clamp terminal, 1 x 0.5...2 x 1.5 mm ² |
| Tightening torque | 7.08...10.62 lbf.in (0.8...1.2 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) |
| [Ie] 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 | (21-22)NC (11-22)NC |

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| Product Weight | 1.91 lb(US) (0.865 kg) |
| Compatibility code | XY2CH |

Environment

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|---------------------------------------|--|
| Standards | EN/ISO 13850 Machinery directive 2006/42/EC EN/IEC 60947-5-1 EN/IEC 60947-5-5 Work equipment directive 2009/104/EC EN/IEC 60204-1 |
| Product certifications | UL category NISD emergency stop devices CCC |
| Protective treatment | TC |
| Ambient Air Temperature for Operation | -13...158 °F (-25...70 °C) |
| Ambient Air Temperature for Storage | -40...158 °F (-40...70 °C) |
| Vibration resistance | 10 gn 10...150 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

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|-------------------|---------------------------------|
| Category | 22441-LIMIT SWITCHES,CABLE PULL |
| Discount Schedule | T |
| GTIN | 3389110432787 |
| Returnability | Yes |
| Country of origin | MA |

Packing Units

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|------------------------------|---------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 3.74 in (9.500 cm) |
| Package 1 Width | 3.15 in (8.000 cm) |
| Package 1 Length | 7.76 in (19.700 cm) |
| Package 1 Weight | 2.25 lb(US) (1.019 kg) |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 11.81 in (30.000 cm) |
| Package 2 Width | 11.81 in (30.000 cm) |
| Package 2 Length | 15.75 in (40.000 cm) |
| Package 2 Weight | 23.37 lb(US) (10.600 kg) |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 80 |
| Package 3 Height | 29.53 in (75.000 cm) |
| Package 3 Width | 23.62 in (60.000 cm) |
| Package 3 Length | 31.50 in (80.000 cm) |
| Package 3 Weight | 208.74 lb(US) (94.684 kg) |

Offer Sustainability

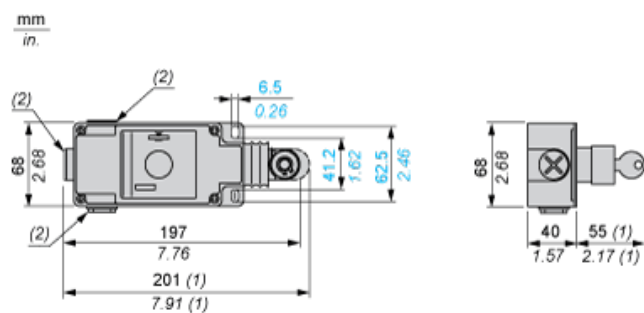
| | |
|---------------------------|---|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), 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 |

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|----------------------------|---|
| RoHS exemption information |  Yes |
| Environmental Disclosure |  Product Environmental Profile |

Contractual warranty

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| Warranty | 18 months |
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Dimensions

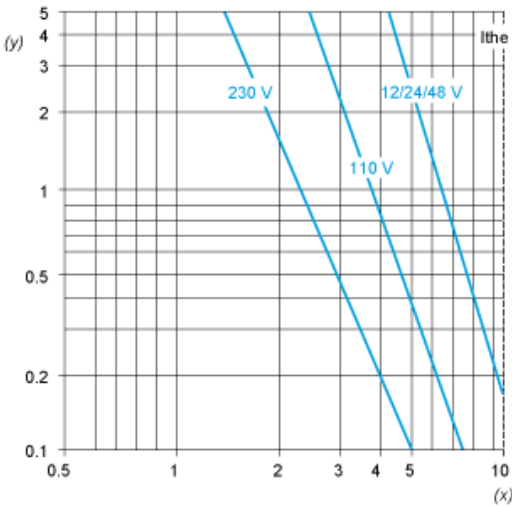


- (1) Maximum extension.
(2) Tapped entry for n° 13 (Pg 13.5) cable entry

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

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|-----------|---|----|----|-----|
| Voltage | V | 24 | 48 | 120 |
| P_{max} | W | 13 | 9 | 7 |