



### 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<br>Class I conforming to NF C 20-030 |

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### Complementary

|  |   |
|--|---|
| Local signalling                             | Without pilot light   |
| Number of cables                             | 1   |
| Trigger cable maximum length                 | 30 m  |
| Body material                                | Zamak   |
| Cover material                               | Stainless steel   |
| Reset  | By flush push-button  |
| Contacts type and composition                | 2 NC + 1 NO   |
| Contacts operation                           | Slow-break  |
| Trigger cable anchor point                   | RH or LH side   |
| Connections - terminals                      | Screw clamp terminal 1 x 0.34...1 x 1 mm <sup>2</sup><br>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                           | 3 tapped entry for 1/2" NPT conduit entry   |
| Safety level                                 | Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to EN/IEC 61508 |
| Safety reliability data                      | B10d = 4000000 with value given for a life time of 20 years limited by mechanical or contact wear conforming to IEC 60947-5-5   |
| 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<br>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                | 300 V (degree of pollution: conforming to UL 508<br>300 V (degree of pollution: conforming to CSA C22.2 No 14<br>400 V (degree of pollution: 3) conforming to EN/IEC 60947-1  |
| [Uimp] rated impulse withstand voltage       | 4 kV conforming to EN/IEC 60947-1   |
| Positive opening                             | With conforming to EN/IEC 60947-5-1   |
| Resistance across terminals                  | <= 25 MOhm conforming to NF C 93-050 method A<br><= 25 MOhm conforming to EN/IEC 60255-7 category 3   |
| Short circuit protection                     | 6 A by gG cartridge fuse conforming to EN/IEC 60269   |

|                               |                                     |
|-------------------------------|-------------------------------------|
| Terminals description ISO n°1 | (13-14)NO<br>(21-22)NC<br>(31-32)NC |
| Product weight                | 0.865 kg                            |

## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | EN/IEC 60204-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-5<br>EN/ISO 13850<br>UL 508<br>Machinery directive 2006/42/EC<br>CSA C22.2 No 14<br>Work equipment directive 2009/104/EC |
| Product certifications                | UL for category NISD emergency stop devices<br>CSA<br>CCC   |
| 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 for 11 ms conforming to EN/IEC 60068-2-27   |
| IP degree of protection               | IP65 for conforming to IEC 60529  |

## Offer Sustainability

|                                  |  |
|----------------------------------|--|
| Sustainable offer status         | Green Premium product  |
| RoHS (date code: YYWW)           | Compliant - since 1214 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold  |
| Product environmental profile    | Available  |
| Product end of life instructions | Need no specific recycling operations  |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

## Dimensions

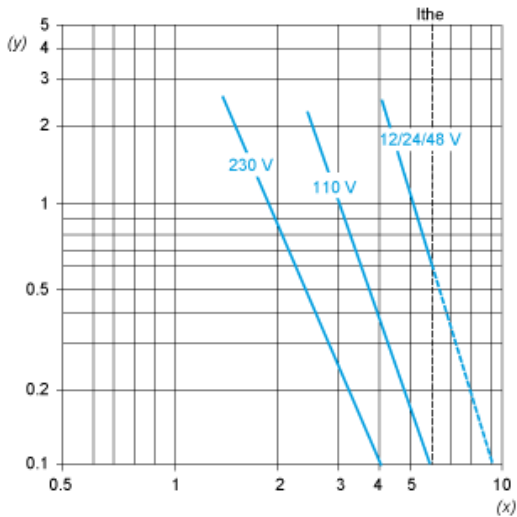


- (1) Maximum extension.  
(2) Tapped entry for 1/2" NPT

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   |