

### Main

|                           |  |
|---------------------------|--|
| Range of product          | Preventa XY2                             |
| Product or component type | Latching emergency stop rope pull switch |
| Device short name         | XY2C                                     |
| Housing colour            | Red RAL 3000                             |
| Overtoltage category      | Class I conforming to EN/IEC 61140       |

### Complementary

|  |   |
|--|---|
| Local signalling                             | Color indicator   |
| Number of cables                             | 1   |
| Trigger cable maximum length                 | 65.62 ft (20 m)   |
| Body material                                | Zamak   |
| Head material                                | PA (polyamide)  |
| 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 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                            | 7.08...10.62 lbf.in (0.8...1.2 N.m)   |
| Cable entry number                           | 1 tapped entry Pg 13.5 cable gland  |
| 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 = 500000 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                        | 100000 cycles   |
| Distance between cable supports              | 16.4 ft (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                | 400 V (degree of pollution: 3) conforming to EN/IEC 60947-1<br>300 V (degree of pollution: conforming to UL 508<br>300 V (degree of pollution: 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   |
| 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                               | 1 lb(US) (0.455 kg)   |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

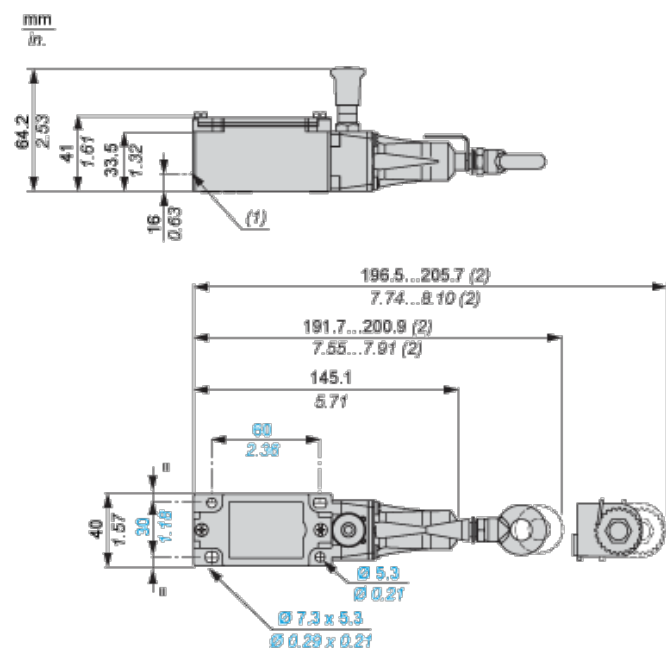
## Environment

|                                       |   |
|---------------------------------------|---|
| 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 category NISD emergency stop devices<br>CSA<br>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 (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<br>IP67 conforming to IEC 60529  |

## Offer Sustainability

|  |  |
|--|--|
| Green Premium product  | Green Premium product  |
| Compliant - since 1415 - Schneider Electric declaration of conformity  | Compliant - since 1415 - Schneider Electric declaration of conformity  |
| Reference not containing SVHC above the threshold  | Reference not containing SVHC above the threshold  |
| Available  | Available  |
| Need no specific recycling operations  | Need no specific recycling operations  |
| WARNING: This product can expose you to chemicals including:   | WARNING: This product can expose you to chemicals including:   |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                                | 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. | 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 more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              |

## Dimensions



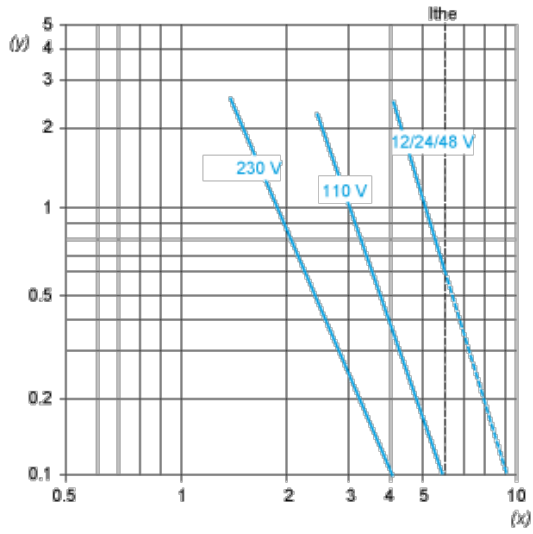
(1) Tapped entry for n° 13 (Pg 13.5) cable entry

(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 |
| <b>mm</b> | W | 4  | 3  | 2   |

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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