



### Main

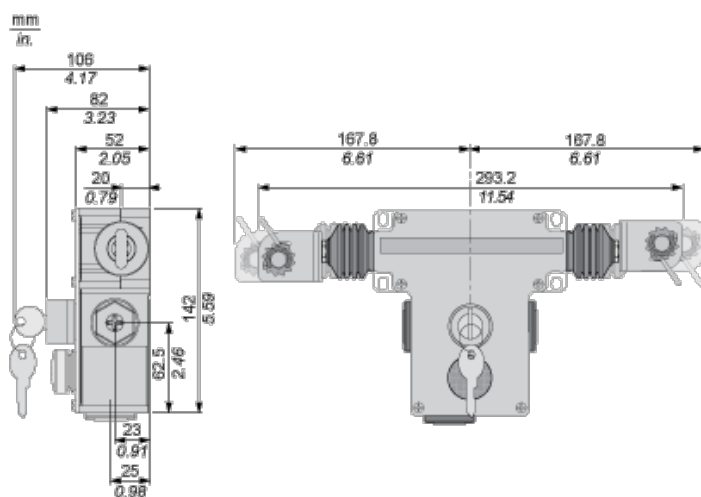
|                           |                                      |
|---------------------------|--------------------------------------|
| Range of product          | Preventa XY2                         |
| Product or component type | Dual emergency stop rope pull switch |
| Device short name         | XY2CED                               |
| Housing colour            | Red RAL 3000                         |
| Overvoltage category      | Class I conforming to EN/IEC 61140   |

### Complementary

|                                              |                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Local signalling                             | Without pilot light                                                                                                                                                                                                                                                                                                               |
| Number of cables                             | 2                                                                                                                                                                                                                                                                                                                                 |
| Trigger cable maximum length                 | 2 x 100 m                                                                                                                                                                                                                                                                                                                         |
| Bellow material                              | Nitril                                                                                                                                                                                                                                                                                                                            |
| Body material                                | Zamak                                                                                                                                                                                                                                                                                                                             |
| Cover material                               | Stainless steel                                                                                                                                                                                                                                                                                                                   |
| Reset                                        | By booted push-button                                                                                                                                                                                                                                                                                                             |
| Contacts type and composition                | 2 x (1 NC + 1 NO)                                                                                                                                                                                                                                                                                                                 |
| Contact operation                            | Slow-break                                                                                                                                                                                                                                                                                                                        |
| Trigger cable anchor point                   | RH and LH sides                                                                                                                                                                                                                                                                                                                   |
| Connections - terminals                      | Screw clamp terminal 1 x 0.5...2 x 1.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                            |
| Tightening torque                            | 7.08...10.62 lbf.in (0.8...1.2 N.m)                                                                                                                                                                                                                                                                                               |
| Cable entry number                           | 3 tapped entry 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 = 300000 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                        | 60000 cycles                                                                                                                                                                                                                                                                                                                      |
| Distance between cable supports              | 3...5 m                                                                                                                                                                                                                                                                                                                           |
| [Ie] rated operational current               | 3 A at 240 V AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A<br>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                | 500 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       | 6 kV conforming to EN/IEC 60947-1                                                                                                                                                                                                                                                                                                 |
| Positive opening                             | With conforming to EN/IEC 60947-5-1                                                                                                                                                                                                                                                                                               |
| Resistance across terminals                  | <= 25 MOhm conforming to EN/IEC 60255-7 category 3                                                                                                                                                                                                                                                                                |
| Short-circuit protection                     | 10 A by gG cartridge fuse conforming to EN/IEC 60269                                                                                                                                                                                                                                                                              |
| Terminals description ISO n°1                | (13-14)NO<br>(21-22)NC                                                                                                                                                                                                                                                                                                            |
| Product weight                               | 4.19 lb(US) (1.9 kg)                                                                                                                                                                                                                                                                                                              |

### Environment

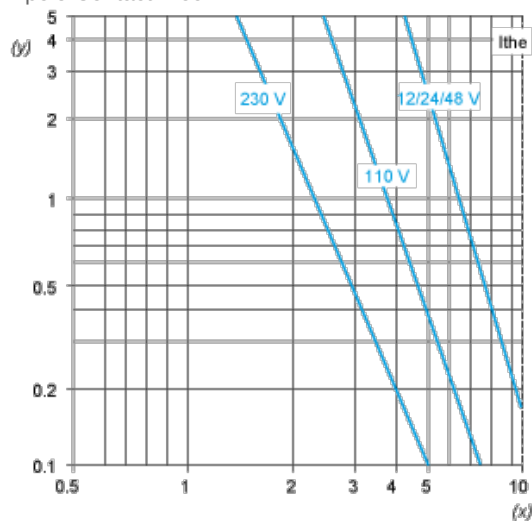




## Electrical Curves

### AC Supply 50/60 Hz. $\mu$ m Inductive Circuit

2-pole Contact Block



(y) Millions of operating cycles

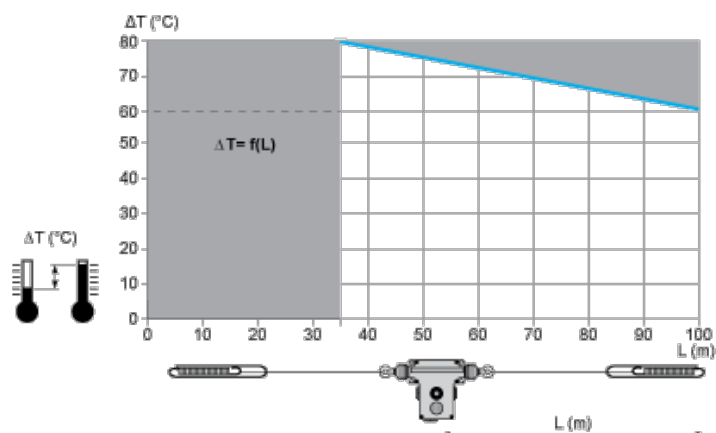
(x) Current in A

### DC Supply. Power Broken in W for 1 Million Operating Cycles. $\mu$ m Inductive Circuit

|           |    |    |     |
|-----------|----|----|-----|
| Voltage V | 24 | 48 | 120 |
| $\mu$ m W | 13 | 9  | 7   |

## Mounting and Clearance

### Adjustment Values (With End Spring)



In Prohibited zone  
grey :