

Product Datasheet

Characteristic

XY2CH13250H7

e-stop rope pull switch XY2CH - 1NC+1NO - booted pushbutton



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

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|---------------------------------|--|
| 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 | 1 NC + 1 NO |
| 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 1/2" NPT conduit entry |
| 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 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 | 16.4 ft (5 m) |
| [le] rated operational current | 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A |

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|--|--|
| | 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 60947-1 300 V (degree of pollution: conforming to UL 508 300 V (degree of pollution: conforming to CSA C22.2 No 14 |
| [Ui _{imp}] 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 MΩ conforming to EN/IEC 60255-7 category 3 <= 25 MΩ conforming to NF C 93-050 method A |
| short-circuit protection | 10 A by gG cartridge fuse conforming to EN/IEC 60269 |
| terminals description ISO n°1 | (13-14)NO (21-22)NC |
| product weight | 1.91 lb(US) (0.865 kg) |

Environment

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|---------------------------------------|---|
| standards | EN/IEC 60204-1 EN/IEC 60947-5-1 EN/IEC 60947-5-5 EN/ISO 13850 UL 508 machinery directive 2006/42/EC CSA C22.2 No 14 work equipment directive 2009/104/EC |
| product certifications | UL category NISD emergency stop devices CSA 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 | IP65 conforming to IEC 60529 |

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1004 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Need no specific recycling operations |