

Product data sheet

Specifications



Complete control station, Harmony XALK, XALD, plastic, yellow lid, 1 red mushroom push button 40mm, turn to release, 1NC

XALK178

Main

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|-----------------------------|--|
| Range Of Product | Harmony XALK |
| Product Or Component Type | Complete control station |
| Device Short Name | XALK |
| Product Destination | For XB5 Ø 22 mm control and signalling units |
| Control Station Application | Emergency switching off function Emergency stop function |
| Colour Of Base Of Enclosure | Light grey (RAL 7035) |
| Colour Of Cover | Yellow (RAL 1021) |
| Material | Polycarbonate |
| Operator Profile | 1 mushroom head push-button |
| Operators Description | Red unmarked 1 NC |
| Reset | Turn to release |
| Control Station Composition | 1 mushroom head Ø 40 mm push-button, red 1 NC unmarked marking |
| Contact Operation | Slow-break |

Complementary

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|------------------------------------|---|
| Cable Entry | 1 knock-out for cable entry 0...14 mm 2 knock-outs for Pg 13 cable gland and ISO M20 0...12 mm |
| Net Weight | 0.194 kg |
| Resistance To High Pressure Washer | 7000000 Pa at 55 °C, distance : 0.1 m |
| Positive Opening | With conforming to IEC 60947-5-1 appendix K |
| Operating Travel | 1.5 mm (NC changing electrical state) 2.6 mm (NO changing electrical state) 4.3 mm (total travel) |
| Operating Force | 44 N NC + NO changing electrical state |
| Mechanical Durability | 300000 cycles |
| Connections - Terminals | Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end conforming to IEC 60947-1 |
| Tightening Torque | 0.8...1.2 N.m conforming to IEC 60947-1 |
| Shape Of Screw Head | Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver |
| Contacts Material | Silver alloy (Ag/Ni) |

Disclaimer: 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

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| Short-Circuit Protection | 10 A cartridge fuse type gG conforming to IEC 60947-5-1 |
| [Ith] Conventional Free Air Thermal Current | 10 A conforming to IEC 60947-5-1 |
| [Ui] Rated Insulation Voltage | 600 V (pollution degree 3) conforming to IEC 60947-1 |
| [Uimp] Rated Impulse Withstand Voltage | 6 kV conforming to IEC 60947-1 |
| [Ie] Rated Operational Current | 3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1 6 A at 120 V, AC-15, A600 conforming to IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1 0.55 A at 125 V, DC-13, Q600 conforming to IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to IEC 60947-5-1 |
| Electrical Durability | 1000000 cycles, AC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Electrical Reliability | $\Lambda < 10\text{exp}(-6)$ at 5 V, 1 mA conforming to IEC 60947-5-4 $\Lambda < 10\text{exp}(-8)$ at 17 V, 5 mA conforming to IEC 60947-5-4 |

Environment

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|---------------------------------------|--|
| Protective Treatment | TH |
| Ambient Air Temperature For Storage | -40...70 °C |
| Ambient Air Temperature For Operation | -40...70 °C |
| Overvoltage Category | Class II conforming to IEC 60536 |
| Ip Degree Of Protection | IP66 conforming to IEC 60529 IP67 IP69 IP69K |
| Nema Degree Of Protection | NEMA 13 NEMA 4X |
| Ik Degree Of Protection | IK03 conforming to IEC 62262 |
| Standards | IEC 60204-1 IEC 60947-1 IEC 60947-5-4 ISO 13850 JIS C 4520 IEC 60364-5-53 IEC 60947-5-5 UL 508 CSA C22.2 No 14 IEC 60947-5-1 |
| Vibration Resistance | 5 gn (f= 12...500 Hz) conforming to IEC 60068-2-6 |
| Shock Resistance | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

Packing Units

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|------------------------------|----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 9.700 cm |
| Package 1 Width | 7.000 cm |

| | |
|------------------------------|-----------|
| Package 1 Length | 7.000 cm |
| Package 1 Weight | 161.000 g |
| Unit Type Of Package 2 | S03 |
| Number Of Units In Package 2 | 40 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 6.786 kg |
| Unit Type Of Package 3 | P06 |
| Number Of Units In Package 3 | 320 |
| Package 3 Height | 75.000 cm |
| Package 3 Width | 60.000 cm |
| Package 3 Length | 80.000 cm |
| Package 3 Weight | 62.788 kg |

Contractual warranty

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| Warranty | 18 months |
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Transparency RoHS/REACH

Well-being performance

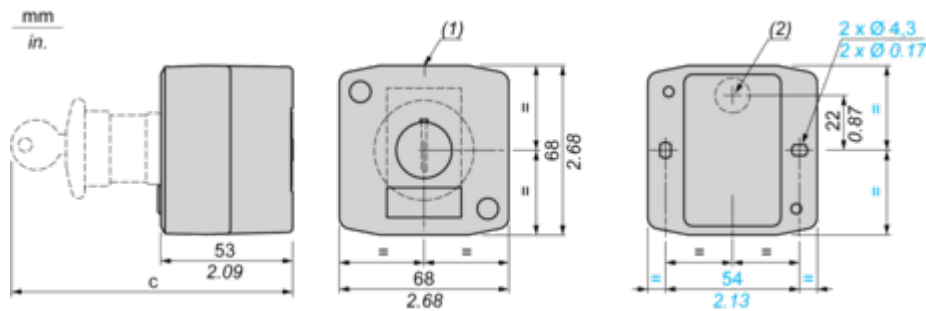
| | | |
|---|----------------------------|-----|
| ✓ | Reach Free Of Svhc | |
| ✓ | Toxic Heavy Metal Free | |
| ✓ | Mercury Free | |
| ✓ | Rohs Exemption Information | Yes |

Certifications & Standards

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|--------------------------|---|
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| China Rohs Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | End of Life Information |

Dimensions Drawings

Dimensions



- (1) 2 knock-outs for Pg 13.5 cable gland, maximum capacity 12 mm/0.47 in.
(2) Knock-out for cable entry, maximum capacity 14 mm/0.55 in.

| Control station fitted with: | c in mm | c in in. |
|---|---------|----------|
| Flush pushbutton | 62 | 2.44 |
| Pilot light | 64 | 2.52 |
| Illuminated pushbutton | 65.5 | 2.58 |
| Projecting pushbutton | 66 | 2.60 |
| Selector switch | 80 | 3.15 |
| Mushroom head pushbutton | 91.5 | 3.58 |
| Latching mushroom head Emergency stop pushbutton with key | 115 | 4.53 |
| Key switch | 105.5 | 4.15 |