

# Product data sheet

Specifications



Complete control station, Harmony XALD, XALK, plastic, yellow lid, 1 red mushroom push button 40mm, turn to release, 2NC

XALK178F

Product availability: Stock - Normally stocked in distribution facility

Price\*: 247.00 USD

## Main

|                             |                                                             |
|-----------------------------|-------------------------------------------------------------|
| 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<br>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 2 NC                                           |
| Reset                       | Turn to release                                             |
| Control Station Composition | 1 mushroom head Ø 40 mm push-button, red 2 NC unmarked      |
| Contact Operation           | Slow-break                                                  |

## Complementary

|                                    |                                                                                                                                          |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Cable Entry                        | 1 knock-out for cable entry 0.00...0.55 in (0...14 mm)<br>2 knock-outs for Pg 13 cable gland and ISO M20 0.00...0.47 in (0...12 mm)      |
| Net Weight                         | 0.43 lb(US) (0.194 kg)                                                                                                                   |
| Resistance To High Pressure Washer | 1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m                                                                                            |
| Positive Opening                   | With IEC 60947-5-1 appendix K                                                                                                            |
| Operating Travel                   | 0.06 in (1.5 mm) NC changing electrical state)<br>0.17 in (4.3 mm) total travel)                                                         |
| Operating Force                    | 44 N                                                                                                                                     |
| Mechanical Durability              | 300000 cycles                                                                                                                            |
| Connections - Terminals            | Screw clamp terminals, <= 2 x 1.5 mm² with cable end IEC 60947-1<br>Screw clamp terminals, >= 1 x 0.22 mm² without cable end IEC 60947-1 |
| Tightening Torque                  | 7.08...10.62 lbf.in (0.8...1.2 N.m) IEC 60947-1                                                                                          |
| Shape Of Screw Head                | Cross Philips no 1<br>Cross pozidriv No 1<br>Slotted flat Ø 4 mm<br>Slotted flat Ø 5.5 mm                                                |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

|                                             |                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contacts Material                           | Silver alloy (Ag/Ni)                                                                                                                                                                                                                                                                                                                                                                       |
| Short-Circuit Protection                    | 10 A cartridge fuse gG IEC 60947-5-1                                                                                                                                                                                                                                                                                                                                                       |
| [Ith] Conventional Free Air Thermal Current | 10 A IEC 60947-5-1                                                                                                                                                                                                                                                                                                                                                                         |
| [Uij] Rated Insulation Voltage              | 600 V 3)IEC 60947-1                                                                                                                                                                                                                                                                                                                                                                        |
| [Uimp] Rated Impulse Withstand Voltage      | 6 kV IEC 60947-1                                                                                                                                                                                                                                                                                                                                                                           |
| [Ie] Rated Operational Current              | 3 A 240 V, AC-15, A600 IEC 60947-5-1<br>6 A 120 V, AC-15, A600 IEC 60947-5-1<br>0.1 A 600 V, DC-13, Q600 IEC 60947-5-1<br>0.27 A 250 V, DC-13, Q600 IEC 60947-5-1<br>0.55 A 125 V, DC-13, Q600 IEC 60947-5-1<br>1.2 A 600 V, AC-15, A600 IEC 60947-5-1                                                                                                                                     |
| Electrical Durability                       | 1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C |
| Electrical Reliability                      | $\Lambda < 10\exp(-6)$ 5 V, 1 mA IEC 60947-5-4<br>$\Lambda < 10\exp(-8)$ 17 V, 5 mA IEC 60947-5-4                                                                                                                                                                                                                                                                                          |

## Environment

|                                       |                                                                                                                                                         |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective Treatment                  | TH                                                                                                                                                      |
| Ambient Air Temperature For Storage   | -40...158 °F (-40...70 °C)                                                                                                                              |
| Ambient Air Temperature For Operation | -40...158 °F (-40...70 °C)                                                                                                                              |
| Overvoltage Category                  | Class II IEC 60536                                                                                                                                      |
| Ip Degree Of Protection               | IP66 IEC 60529<br>IP67<br>IP69<br>IP69K                                                                                                                 |
| Nema Degree Of Protection             | NEMA 13<br>NEMA 4X                                                                                                                                      |
| Ik Degree Of Protection               | IK03 conforming to IEC 62262                                                                                                                            |
| Standards                             | IEC 60204-1<br>JIS C 4520<br>IEC 60947-5-1<br>IEC 60364-5-53<br>ISO 13850<br>CSA C22.2 No 14<br>UL 508<br>IEC 60947-5-5<br>IEC 60947-5-4<br>IEC 60947-1 |
| Vibration Resistance                  | 5 gn 12...500 Hz)IEC 60068-2-6                                                                                                                          |
| Shock Resistance                      | 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27<br>50 gn 11 ms) half sine wave acceleration IEC 60068-2-27                                      |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10CS222475  |
| Discount Schedule | 0CS2          |
| Gtin              | 3389110113648 |
| Returnability     | Yes           |
| Country Of Origin | CZ            |

## Packing Units

|                              |                           |
|------------------------------|---------------------------|
| Unit Type Of Package 1       | PCE                       |
| Number Of Units In Package 1 | 1                         |
| Package 1 Height             | 3.82 in (9.700 cm)        |
| Package 1 Width              | 2.76 in (7.000 cm)        |
| Package 1 Length             | 2.76 in (7.000 cm)        |
| Package 1 Weight             | 5.93 oz (168.000 g)       |
| Unit Type Of Package 2       | S03                       |
| Number Of Units In Package 2 | 40                        |
| Package 2 Height             | 11.81 in (30.000 cm)      |
| Package 2 Width              | 11.81 in (30.000 cm)      |
| Package 2 Length             | 15.75 in (40.000 cm)      |
| Package 2 Weight             | 15.88 lb(US) (7.202 kg)   |
| Unit Type Of Package 3       | P06                       |
| Number Of Units In Package 3 | 320                       |
| Package 3 Height             | 29.53 in (75.000 cm)      |
| Package 3 Width              | 23.62 in (60.000 cm)      |
| Package 3 Length             | 31.50 in (80.000 cm)      |
| Package 3 Weight             | 149.84 lb(US) (67.964 kg) |

## Contractual warranty

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

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-CO<sub>2</sub> products.

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

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency   RoHS/REACH

Well-being performance

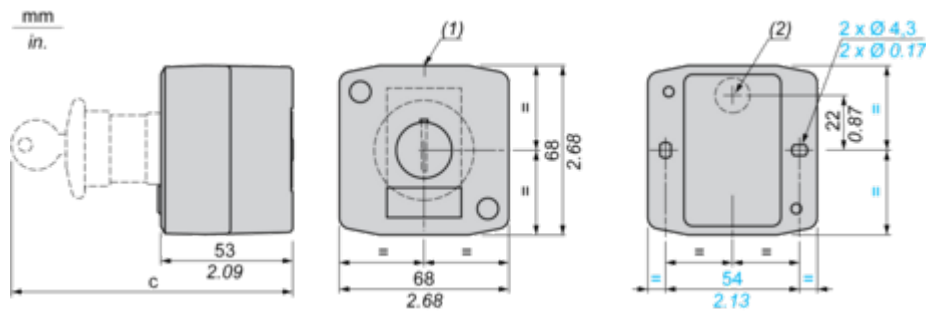
|   |                            |     |
|---|----------------------------|-----|
| ✓ | Reach Free Of Svhc         |     |
| ✓ | Toxic Heavy Metal Free     |     |
| ✓ | Mercury Free               |     |
| ✓ | Rohs Exemption Information | Yes |

Certifications & Standards

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

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     |