

# XALK178G

Control station, Harmony XALK, XALD, plastic, yellow lid, 1 red mushroom push button 40mm, turn to release, 1NO+2NC



## 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 1 NO + 2 NC  |
| Reset                       | Turn to release   |
| Control station composition | 1 mushroom head Ø 40 mm push-button, red 1 NO + 2 NC unmarked marking |
| Contact operation           | Slow-break  |

## Complementary

|   |  |
|---|--|
| Cable entry                                 | 1 knock-out for cable entry 0...14 mm<br>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)<br>2.6 Mm (NO changing electrical state)<br>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 mm <sup>2</sup> with cable end conforming to IEC 60947-1<br>Screw clamp terminals, >= 1 x 0.22 mm <sup>2</sup> 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<br>Cross compatible with pozidriv No 1 screwdriver<br>Slotted compatible with flat Ø 4 mm screwdriver<br>Slotted compatible with flat Ø 5.5 mm screwdriver  |
| Contacts material                           | Silver alloy (Ag/Ni)   |
| 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<br>6 A at 120 V, AC-15, A600 conforming to IEC 60947-5-1<br>0.1 A at 600 V, DC-13, Q600 conforming to IEC 60947-5-1<br>0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1<br>0.55 A at 125 V, DC-13, Q600 conforming to IEC 60947-5-1<br>1.2 A at 600 V, AC-15, A600 conforming to IEC 60947-5-1 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance 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.

|                        |  |
|------------------------|--|
| 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<br>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<br>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<br>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<br>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 | $\Lambda < 10\exp(-6)$ at 5 V, 1 mA conforming to IEC 60947-5-4<br>$\Lambda < 10\exp(-8)$ at 17 V, 5 mA conforming to IEC 60947-5-4  |

## Environment

|                                       |  |
|---------------------------------------|--|
| 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<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 60947-1<br>JIS C 4520<br>CSA C22.2 No 14<br>IEC 60947-5-1<br>IEC 60364-5-53<br>ISO 13850<br>IEC 60204-1<br>IEC 60947-5-4<br>IEC 60947-5-5<br>UL 508                        |
| 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<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 7.000 cm  |
| Package 1 Width              | 7.000 cm  |
| Package 1 Length             | 9.800 cm  |
| Package 1 Weight             | 179.000 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             | 7.644 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             | 70.524 kg |

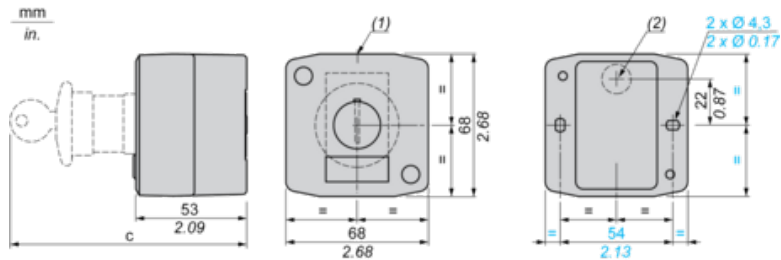
## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>                              |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End Of Life Information</a>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

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

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     |