

# XALK178

Harmony XALD, XALK, Control station, plastic, yellow lid, 1 red mushroom push button Ø40, turn to release, 1 NC



## 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 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

|                                    |  |
|------------------------------------|--|
| 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 EN/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-<br>to EN/IEC 60947-1<br>Screw clamp terminals, >= 1 x 0.22 mm <sup>2</sup> without cable end conforming-<br>to EN/IEC 60947-1 |
| Tightening torque                  | 0.8...1.2 N.M conforming to EN/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 EN/IEC 60947-5-1   |

|  |   |
|--|---|
| [I <sub>th</sub> ] conventional free air thermal current | 10 A conforming to EN/IEC 60947-5-1   |
| [U <sub>i</sub> ] rated insulation voltage               | 600 V (pollution degree 3) conforming to EN/IEC 60947-1   |
| [U <sub>imp</sub> ] rated impulse withstand voltage      | 6 kV conforming to EN/IEC 60947-1   |
| [I <sub>e</sub> ] rated operational current              | 3 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1<br>6 A at 120 V, AC-15, A600 conforming to EN/IEC 60947-5-1<br>0.1 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1<br>0.27 A at 250 V, DC-13, Q600 conforming to EN/IEC 60947-5-1<br>0.55 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1<br>1.2 A at 600 V, AC-15, A600 conforming to EN/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 EN/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 EN/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 EN/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 EN/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 EN/IEC 60947-5-1 appendix C |
| Electrical reliability                                   | $\Lambda < 10\exp(-6)$ at 5 V, 1 mA conforming to EN/IEC 60947-5-4<br>$\Lambda < 10\exp(-8)$ at 17 V, 5 mA conforming to EN/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 EN 50102  |
| Standards                             | EN/IEC 60204-1<br>EN/IEC 60947-1<br>EN/IEC 60947-5-4<br>EN/ISO 13850<br>JIS C 4520<br>IEC 60364-5-53<br>EN/IEC 60947-5-5<br>UL 508<br>CSA C22.2 No 14<br>EN/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<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 Weight             | 158.0 G   |
| Package 1 Height             | 9.7 Cm    |
| Package 1 width              | 7 Cm      |
| Package 1 Length             | 7 Cm      |
| Unit Type of Package 2       | P06       |
| Number of Units in Package 2 | 320       |
| Package 2 Weight             | 62.788 Kg |
| Package 2 Height             | 75 Cm     |
| Package 2 width              | 60 Cm     |
| Package 2 Length             | 80 Cm     |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 40        |

|                  |          |
|------------------|----------|
| Package 3 Weight | 6.786 Kg |
| Package 3 Height | 30 Cm    |
| Package 3 width  | 30 Cm    |
| Package 3 Length | 40 Cm    |

### 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   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</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 |
|----------|-----------|

|                       |                       |
|-----------------------|-----------------------|
| Product Life Status : | <b>Commercialised</b> |
|-----------------------|-----------------------|