

Product data sheet

Specifications



Control station, Harmony XALK, plastic, yellow lid, 1 Estop push button 40mm, turn to release, illum ring white red fixed, 1NO 2NC, 24V AC DC

XALK178W3B140G

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 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 |
| Contact operation | Slow-break |
| [Us] rated supply voltage | 24 V AC/DC |

Complementary

| | |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| Product weight | 0.180 kg |
| Electrical insulation class | Class II conforming to IEC 61140 |
| 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) 4.3 mm (total travel) |
| Operating force | 44 N |
| Mechanical durability | 300000 cycles |
| Connections - terminals | Screw clamp terminals, <= 2 x 1.5 mm ² with cable end conforming to IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm ² 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) |
| Short-circuit protection | 10 A cartridge fuse type gG conforming to IEC 60947-5-1 |
| [I_{th}] conventional free air thermal current | 10 A conforming to IEC 60947-5-1 |
| [U_i] rated insulation voltage | 600 V (pollution degree 3) conforming to IEC 60947-1 |
| Resistance to electrostatic discharge | 4 kV on contact (on metal parts) conforming to IEC 61000-4-2 8 kV in free air (in insulating parts) |
| [U_{imp}] rated impulse withstand voltage | 6 kV conforming to IEC 60947-1 |
| [I_e] 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 | $\Lambda < 10\exp(-6)$ at 5 V, 1 mA conforming to IEC 60947-5-4 $\Lambda < 10\exp(-8)$ 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 |
| IP degree of protection | IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 IP69 conforming to IEC 60529 IP69K conforming to ISO 20653 Type 13 conforming to UL 50E Type 12 conforming to UL 50E Type 4 conforming to UL 50E Type 4X conforming to UL 50E |
| IK degree of protection | IK05 conforming to IEC 62262 |
| Standards | CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-5-4 UL 508 IEC 60947-1 JIS C 4520 |
| Product certifications | UL listed CSA |
| Vibration resistance | 5 gn (f= 10...500 Hz) conforming to IEC 60068-2-6 25 mm peak to peak (f= 2...10 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 25 gn (duration = 6 ms) for 1000 shocks on each axis 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 | 9.600 cm |
| Package 1 Width | 7.000 cm |
| Package 1 Length | 7.000 cm |
| Package 1 Weight | 197.000 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 | 8.312 kg |

Contractual warranty

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



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint

2

Environmental Disclosure

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

Yes

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number

6b64d229-f954-4ab6-8e15-fee7e09c36cb

California proposition 65

WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

Repack and remanufacture

End of life manual availability

[End of Life Information](#)

Take-back

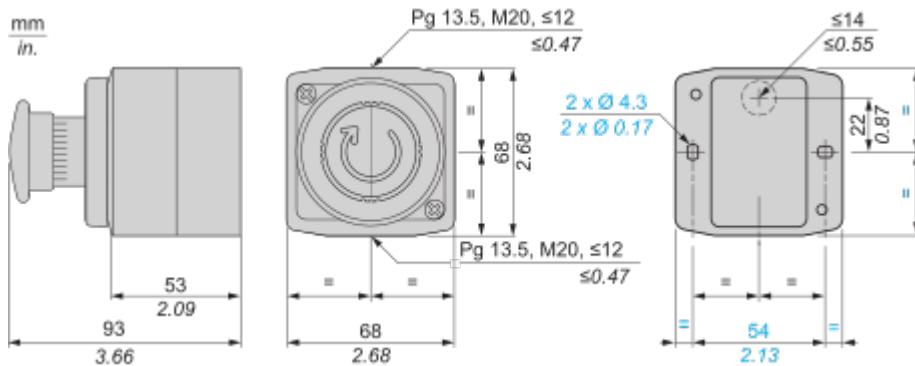
No

WEEE Label

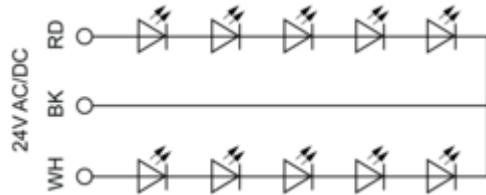
 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions



Connections and Schema

Wiring Diagram

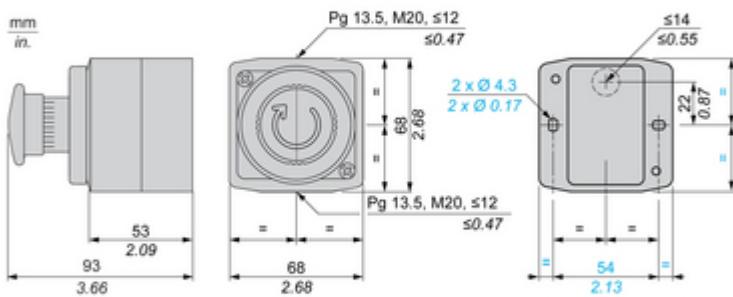
RD : Red

BK : Black

WH : White

Technical Illustration

Dimensions



Technical Illustration

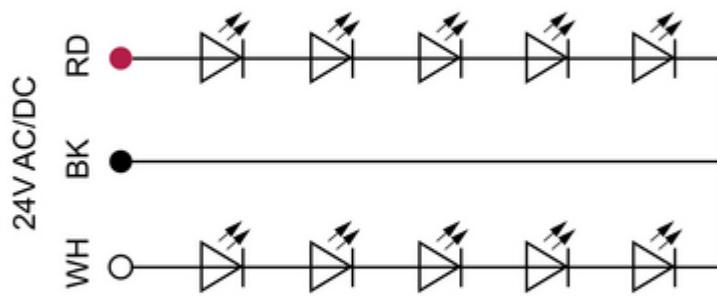
Wiring diagram

Image of product / Alternate images

Alternative





