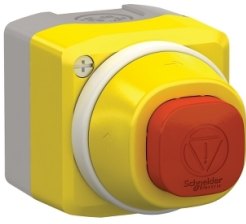


# Product datasheet

Specifications



## illuminated emergency stop control box 24V 2 colors white/red fixed 1NO 2NC

XALK84W3BG

**EAN Code: 3606489745660**

### 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            | Red square 32 mm  |
| Operators description       | Red unmarked 1 NO + 2 NC                                    |
| Reset                       | Turn to release   |
| Control station composition | 1 mushroom head push-button, red 1 NO + 2 NC                |
| Contact operation           | Slow-break  |
| [Us] rated supply voltage   | 24 V AC/DC  |

### Complementary

|                                    |   |
|------------------------------------|---|
| AC control voltage 50 HZ           | 24 V  |
| 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 |
| AC control voltage 60 HZ           | 24 V  |
| Net weight                         | 0.182 kg  |
| DC control voltage                 | 24 V  |
| Electrical insulation class        | Class II conforming to IEC 61140  |
| Resistance to high pressure washer | 7000000 Pa at 55 °C, distance : 0.1 m   |
| Number of command positions        | 1   |
| Number of indicator lights         | 0   |
| Number of push buttons             | 0   |
| Positive opening                   | With conforming to IEC 60947-5-1 appendix K   |
| Operating travel                   | 1.5 mm (NC changing electrical state)<br>4.3 mm (total travel)                                    |
| Operating force                    | 44 N  |

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

|   |  |
|---|--|
| <b>Number of selector switches</b>                            | 0  |
| <b>Mechanical durability</b>                                  | 300000 cycles  |
| <b>Connections - terminals</b>                                | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to IEC 60947-1<br>Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to IEC 60947-1   |
| <b>Number of key switches</b>                                 | 0  |
| <b>Tightening torque</b>                                      | 0.8...1.2 N.m conforming to IEC 60947-1  |
| <b>Shape of screw head</b>                                    | Cross compatible with Philips no 1 screwdriver<br>Cross compatible with pozidriv No 1 screwdriver<br>Slotted compatible with flat $\varnothing 4 \text{ mm}$ screwdriver<br>Slotted compatible with flat $\varnothing 5.5 \text{ mm}$ screwdriver  |
| <b>Contacts material</b>                                      | Silver alloy (Ag/Ni)   |
| <b>Short-circuit protection</b>                               | 10 A cartridge fuse type gG conforming to IEC 60947-5-1  |
| <b>[I<sub>th</sub>] conventional free air thermal current</b> | 10 A conforming to IEC 60947-5-1   |
| <b>Number of mushroom-shaped push-buttons</b>                 | 1  |
| <b>[U<sub>i</sub>] rated insulation voltage</b>               | 600 V (pollution degree 3) conforming to IEC 60947-1   |
| <b>Resistance to electrostatic discharge</b>                  | 4 kV on contact (on metal parts) conforming to IEC 61000-4-2<br>8 kV in free air (in insulating parts) conforming to IEC 61000-4-2   |
| <b>[U<sub>imp</sub>] rated impulse withstand voltage</b>      | 6 kV conforming to IEC 60947-1   |
| <b>[I<sub>e</sub>] rated operational current</b>              | 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   |
| <b>Electrical durability</b>                                  | 1000000 cycles, AC-15, 2 A at 230 V, operating rate $< 3600 \text{ cyc/h}$ , load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15, 3 A at 120 V, operating rate $< 3600 \text{ cyc/h}$ , load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15, 4 A at 24 V, operating rate $< 3600 \text{ cyc/h}$ , 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 $< 3600 \text{ cyc/h}$ , 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 $< 3600 \text{ cyc/h}$ , load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| <b>Electrical reliability</b>                                 | $\Lambda < 10\text{exp}(-6)$ at 5 V, 1 mA conforming to IEC 60947-5-4<br>$\Lambda < 10\text{exp}(-8)$ at 17 V, 5 mA conforming to IEC 60947-5-4  |
| <b>Number of contacts as normally closed contact</b>          | 0  |
| <b>Number of contacts as normally open contact</b>            | 0  |
| <b>Number of contacts as change-over contact</b>              | 0  |
| <b>colour of cover</b>  | Yellow   |

## Environment

|  |             |
|--|-------------|
| <b>Protective treatment</b>                  | TH          |
| <b>Ambient air temperature for storage</b>   | -40...70 °C |
| <b>Ambient air temperature for operation</b> | -40...70 °C |

|                                |   |
|--------------------------------|---|
| <b>IP degree of protection</b> | IP66 conforming to IEC 60529<br>IP67 conforming to IEC 60529<br>IP69 conforming to IEC 60529<br>IP69K conforming to ISO 20653<br>Type 13 conforming to UL 50E<br>Type 12 conforming to UL 50E<br>Type 4 conforming to UL 50E<br>Type 4X conforming to UL 50E        |
| <b>IK degree of protection</b> | IK05 conforming to IEC 62262  |
| <b>Standards</b>               | CSA C22.2 No 14<br>IEC 60947-5-1<br>IEC 60947-5-4<br>UL 508<br>IEC 60947-1<br>JIS C 4520  |
| <b>Product certifications</b>  | UL listed<br>CSA  |
| <b>Vibration resistance</b>    | 5 gn (f= 10...500 Hz) conforming to IEC 60068-2-6<br>25 mm peak to peak (f= 2...10 Hz) conforming to IEC 60068-2-6  |
| <b>Shock resistance</b>        | 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<br>25 gn (duration = 6 ms) for 1000 shocks on each axis conforming to IEC 60068-2-27 |

## Packing Units

|                                     |           |
|-------------------------------------|-----------|
| <b>Unit Type of Package 1</b>       | PCE       |
| <b>Number of Units in Package 1</b> | 1         |
| <b>Package 1 Height</b>             | 7.000 cm  |
| <b>Package 1 Width</b>              | 7.000 cm  |
| <b>Package 1 Length</b>             | 9.800 cm  |
| <b>Package 1 Weight</b>             | 213.000 g |
| <b>Unit Type of Package 2</b>       | S03       |
| <b>Number of Units in Package 2</b> | 40        |
| <b>Package 2 Height</b>             | 30.000 cm |
| <b>Package 2 Width</b>              | 30.000 cm |
| <b>Package 2 Length</b>             | 40.000 cm |
| <b>Package 2 Weight</b>             | 9.106 kg  |

## Logistical informations

|                          |    |
|--------------------------|----|
| <b>Country of origin</b> | CZ |
|--------------------------|----|

## Contractual warranty

|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 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 15

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

REACH Regulation [REACH Declaration](#)

## Use Again

### Repack and remanufacture

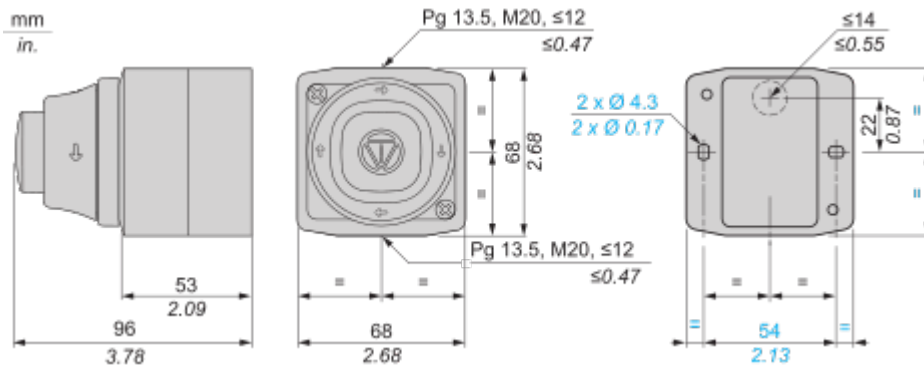
End of life manual availability [End of Life Information](#)

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

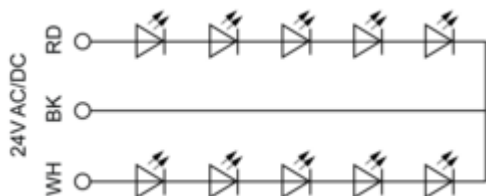
Dimensions



Connections and Schema

Wiring Diagram

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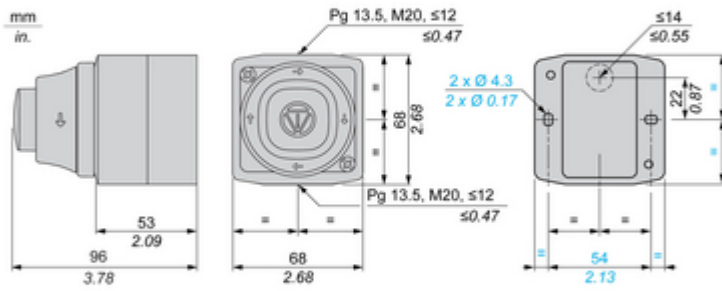


RD : Red  
BK : Black  
WH : White

Technical Illustration

Dimensions

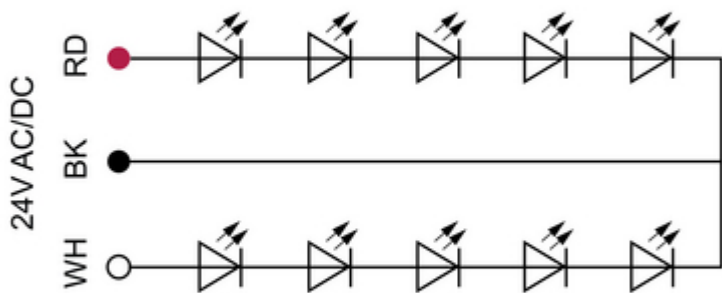
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Technical Illustration

Wiring diagram

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Offer Marketing Illustration

Product benefits / Features

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### Features Harmony XALK



Complete stations for emergency stop function with a single mushroom head non-illuminated or illuminated function from XB5 range



Possibility to add up to 3 NO or NC contact blocks per operating head





Complete, ready-to-install stations with 1 to 3 buttons for the most common functions



Polycarbonate pre-drilled control stations



Modular system and simple to cable universal range

Offer Marketing Illustration

Product benefits / Features

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### Technical Benefits

#### Harmony XALK

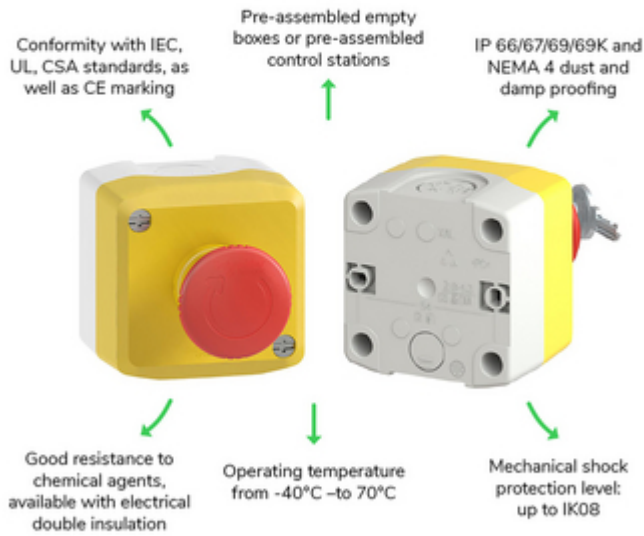


Image of product / Alternate images

Alternative

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