

Product datasheet

Specifications



pendant control station XAC-A - 2 pushbuttons

Local distributor code:
21339679

XACA281

EAN Code: 3389110644821

Main

| | |
|---------------------------|-------------------------|
| Range of product | Harmony XAC |
| Product or component type | Pendant control station |
| Device short name | XACA |

Complementary

| | |
|---------------------------------------|---|
| Control station type | Double insulated |
| Enclosure material | Polypropylene |
| Electrical circuit type | Control circuit |
| enclosure type | Complete ready for use |
| Control station application | Control of single speed hoist motor |
| Control station composition | 2 push-buttons |
| Control button type | First push-button 1 NC + 1 NO raise, slow Second push-button 1 NC + 1 NO lower, slow |
| Product compatibility | ZB2BE102 + ZB2BE101 for each direction |
| Mechanical interlocking | With mechanical interlocking |
| Control station colour | Yellow |
| Connections - terminals | Screw clamp terminals, 1 x 0.5...1 x 2.5 mm ² without cable end Screw clamp terminals, 1 x 0.5...2 x 1.5 mm ² with cable end |
| Standards | IEC 60204-32 IEC 60947-5-1 CSA C22.2 No 14 UL 508 |
| Product certifications | CCC GOST |
| Protective treatment | TH |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...70 °C |
| Vibration resistance | 15 gn (f= 10...500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 100 gn conforming to IEC 60068-2-27 |
| Overvoltage category | Class II conforming to IEC 61140 |
| IP degree of protection | IP65 conforming to IEC 60529 |
| IK degree of protection | IK08 conforming to IEC 62262 |
| Mechanical durability | 1000000 cycles |
| Cable entry | Rubber sleeve with stepped entry 8...26 mm |

| | |
|---|--|
| Contact code designation | A600 AC-15, Ue = 240 V, Ie = 3 A conforming to IEC 60947-5-1 appendix A A600 AC-15, Ue = 600 V, Ie = 1.2 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 250 V, Ie = 0.27 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A |
| [Ithe] conventional enclosed thermal current | 10 A |
| [Ui] rated insulation voltage | 600 V (pollution degree 3) |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-1 |
| Contact operation | Slow-break |
| Maximum resistance across terminals | 25 MOhm |
| Operating force | 13 N push-button |
| Short-circuit protection | 10 A fuse protection by cartridge fuse type gG |
| Rated operational power in W | 40 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 120 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 48 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 48 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 65 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C |
| Terminals description ISO n°1 | (13-14)NO (11-12)NC |
| Terminal identifier | (11-12)NC (13-14)NO |
| Net weight | 0.5 kg |

Packing Units

| | |
|-------------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 8.500 cm |
| Package 1 Width | 34.500 cm |
| Package 1 Length | 9.000 cm |
| Package 1 Weight | 530.000 g |
| Unit Type of Package 2 | P06 |
| Number of Units in Package 2 | 60 |
| Package 2 Height | 75.000 cm |
| Package 2 Width | 60.000 cm |
| Package 2 Length | 80.000 cm |
| Package 2 Weight | 45.400 kg |

Logistical informations

| | |
|--------------------------|----|
| Country of origin | CZ |
|--------------------------|----|

Contractual warranty

| | |
|-----------------|-----------|
| 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 3

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)

REACH Regulation [REACH Declaration](#)

Use Again

Repack and remanufacture

End of life manual availability No need of specific recycling operations

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

Below drawing shows a product with 6 cut-outs. Select the number of cut-outs according to the product characteristics in order to get b, b1 and c dimensions.



- (1) For 2 and 3-way XAC A stations.
- (2) For 4 to 8-way XAC A stations.
- (3) With trigger action Emergency stop head operator
- (4) Internal \varnothing

Dimensions in mm

| Number of cut-outs | 2 | 3 | 4 | 5 | 6 | 8 | 12 |
|--------------------|-----|-----|-----|-----|-----|-----|-----|
| b | 314 | 314 | 440 | 440 | 500 | 560 | 680 |
| b1 | 190 | 190 | 250 | 250 | 310 | 370 | 490 |
| c | 80 | 80 | 80 | 80 | 80 | 80 | 92 |

Dimensions in in.

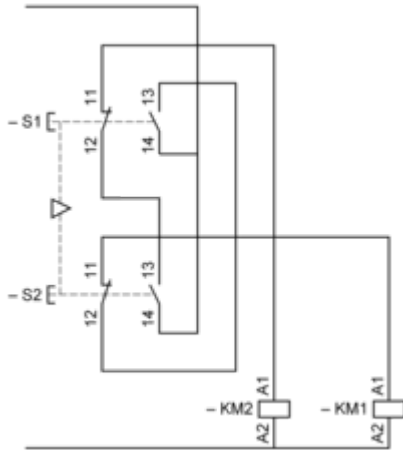
| Number of cut-outs | 2 | 3 | 4 | 5 | 6 | 8 | 12 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|
| b | 12.36 | 12.36 | 17.32 | 17.32 | 19.68 | 22.05 | 26.77 |
| b1 | 7.48 | 7.48 | 9.84 | 9.84 | 12.20 | 14.57 | 19.29 |

| Number of cut-outs | 2 | 3 | 4 | 5 | 6 | 8 | 12 |
|--------------------|------|------|------|------|------|------|------|
| c | 3.15 | 3.15 | 3.15 | 3.15 | 3.15 | 3.15 | 3.62 |

Connections and Schema

Control of Single-Speed Reversing Motor

With ZBE2BE101 + ZB2BE102 contacts blocks, to be ordered separately



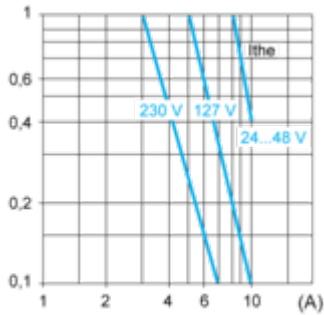
Performance Curves

Rated Operational Power

AC Supply 50/60 Hz Inductive Circuit

Operating rate: 3600 operating cycles/hour. Load factor: 0.5.

Millions of operating cycles, AC-15 utilization category



I_{the} Thermal current

(A) Current

DC Supply

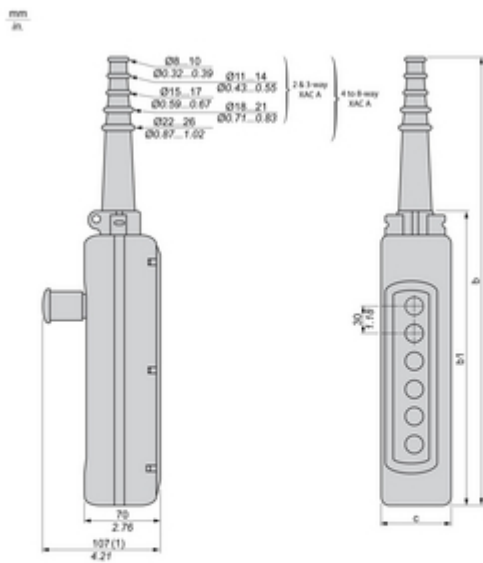
Operating rate: 3600 operating cycles/hour. Load factor: 0.5.

Power broken in W for 1 million operating cycles, DC-13 utilization category

| Voltage | V | 24 | 48 | 120 |
|-------------------|---|----|----|-----|
| Inductive circuit | W | 65 | 48 | 40 |

Technical Illustration

Dimensions



(1) With trigger action Emergency stop head operator

| | | Number of cut-outs | | | | | | |
|----|------|--------------------|-------|-------|-------|-------|-------|-------|
| | | 2 | 3 | 4 | 5 | 6 | 8 | 12 |
| b | mm | 314 | 314 | 440 | 440 | 500 | 560 | 580 |
| | inch | 12.36 | 12.36 | 17.32 | 17.32 | 19.68 | 22.05 | 26.77 |
| b1 | mm | 190 | 190 | 250 | 250 | 310 | 370 | 490 |
| | inch | 7.48 | 7.48 | 9.84 | 9.84 | 12.2 | 14.57 | 19.29 |
| c | mm | 80 | 80 | 80 | 80 | 80 | 80 | 92 |
| | inch | 3.15 | 3.15 | 3.15 | 3.15 | 3.15 | 3.15 | 3.62 |

Technical Illustration

Wiring diagram

Control of Single-Speed Reversing Motor With ZBE2BE101 + ZB2BE102

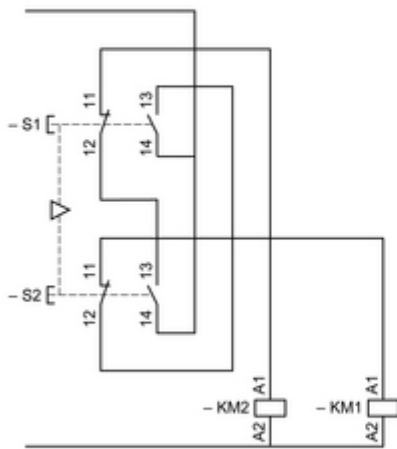


Image of product / Alternate images

Alternative





