



## 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           | 8 push-buttons                                                                                                                                                                                                                                                                                  |
| Control button type                   | First push-button 1 NO raise, slow<br>Second push-button 1 NO lower, slow<br>Fourth push-button 1 NO left, slow<br>Third push-button 1 NO right, slow<br>Fifth push-button 1 NO forward slow<br>Sixth push-button 1 NO reverse, slow<br>Eighth push-button 1 NC O<br>Seventh push-button 1 NO I |
| Product compatibility                 | ZB2BE101 for each direction (except eighth)<br>ZB2BE102 for eighth direction                                                                                                                                                                                                                    |
| Mechanical interlocking               | With mechanical interlocking between pairs                                                                                                                                                                                                                                                      |
| Control station colour                | Yellow                                                                                                                                                                                                                                                                                          |
| Connections - terminals               | Screw clamp terminals, 1 x 0.5...1 x 2.5 mm <sup>2</sup> without cable end<br>Screw clamp terminals, 1 x 0.5...2 x 1.5 mm <sup>2</sup> with cable end                                                                                                                                           |
| Standards                             | EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>EN/IEC 60204-32<br>UL 508                                                                                                                                                                                                                                |
| Product certifications                | CCC<br>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 EN 50102                                                                                                                                                                                                                                                                     |
| 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<br>A600 AC-15, Ue = 600 V, Ie = 1.2 A conforming to IEC 60947-5-1 appendix A<br>Q600 DC-13, Ue = 250 V, Ie = 0.27 A conforming to IEC 60947-5-1 appendix A<br>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                              | 10 N push-button<br>8 N eighth 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<br>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<br>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                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Terminals description ISO n°2                | (11-12)NC                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Terminal identifier                          | (11-12)NC<br>(13-14)NO                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Net weight                                   | 0.94 kg                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Weight             | 1.047 kg |
| Package 1 Height             | 8.5 cm   |
| Package 1 width              | 9 cm     |
| Package 1 Length             | 57 cm    |
| Unit Type of Package 2       | P06      |
| Number of Units in Package 2 | 42       |
| Package 2 Weight             | 57.48 kg |
| Package 2 Height             | 80 cm    |
| Package 2 width              | 80 cm    |
| Package 2 Length             | 60 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>                                                    |
| 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

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 Ø

Dimensions in mm

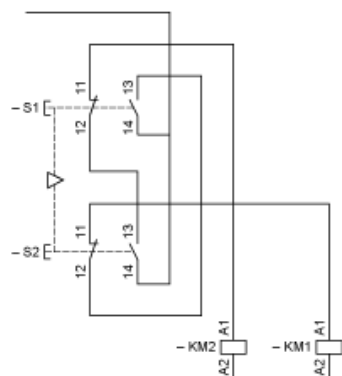
| Number of cut-outs | 2   | 3   | 4   | 5   | 6   | 8   | 12  |
|--------------------|-----|-----|-----|-----|-----|-----|-----|
| b                  | 314 | 314 | 440 | 440 | 500 | 560 | 680 |
| b1                 | 190 | 190 | 250 | 250 | 310 | 370 | 490 |
| c                  | 80  | 80  | 80  | 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 |
| c                  | 3.15  | 3.15  | 3.15  | 3.15  | 3.15  | 3.15  | 3.62  |

## Control of Single-Speed Reversing Motor

With ZBE2BE101 + ZB2BE102 contacts blocks, to be ordered separately

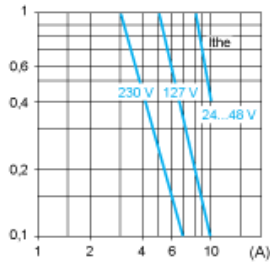


Rated Operational Power

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<sub>the</sub> 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  |