

Product availability: Non-Stock - Not normally stocked in distribution facility



## 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 pushbutton 1 NO raise, slow<br>Second pushbutton 1 NO lower, slow<br>Fourth pushbutton 1 NO left, slow<br>Third pushbutton 1 NO right, slow<br>Fifth pushbutton 1 NO forward slow<br>Sixth pushbutton 1 NO reverse, slow<br>Eighth push-button 1 NC O<br>Seventh pushbutton 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...2 x 1.5 mm <sup>2</sup> with cable end<br>Screw clamp terminals 1 x 0.5...1 x 2.5 mm <sup>2</sup> without cable end                                                                                                                                      |
| Standards                             | CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>EN/IEC 60204-32<br>UL 508                                                                                                                                                                                                                         |
| Product certifications                | GOST<br>CCC                                                                                                                                                                                                                                                                              |
| Protective treatment                  | TH                                                                                                                                                                                                                                                                                       |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C)                                                                                                                                                                                                                                                               |
| Ambient air temperature for storage   | -40...158 °F (-40...70 °C)                                                                                                                                                                                                                                                               |
| Vibration resistance                  | 15 gn 10...500 Hz IEC 60068-2-6                                                                                                                                                                                                                                                          |
| Shock resistance                      | 100 gn IEC 60068-2-27                                                                                                                                                                                                                                                                    |
| Overvoltage category                  | Class II IEC 61140                                                                                                                                                                                                                                                                       |
| IP degree of protection               | IP65 IEC 60529                                                                                                                                                                                                                                                                           |
| IK degree of protection               | IK08 EN 50102                                                                                                                                                                                                                                                                            |
| Mechanical durability                 | 1000000 cycles                                                                                                                                                                                                                                                                           |
| Cable entry                           | Rubber sleeve with stepped entry 8...26 mm                                                                                                                                                                                                                                               |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                                                           |                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contact code designation                                  | A600 AC-15 240 V 3 A IEC 60947-5-1 appendix A<br>A600 AC-15 600 V 1.2 A IEC 60947-5-1 appendix A<br>Q600 DC-13 250 V 0.27 A IEC 60947-5-1 appendix A<br>Q600 DC-13 600 V 0.1 A IEC 60947-5-1 appendix A                                                |
| [I <sub>the</sub> ] conventional enclosed thermal current | 10 A                                                                                                                                                                                                                                                   |
| [U <sub>i</sub> ] rated insulation voltage                | 600 V 3                                                                                                                                                                                                                                                |
| [U <sub>imp</sub> ] rated impulse withstand voltage       | 6 kV IEC 60947-1                                                                                                                                                                                                                                       |
| Contact operation                                         | Slow-break                                                                                                                                                                                                                                             |
| Resistance across terminals                               | <= 25 MOhm                                                                                                                                                                                                                                             |
| Operating force                                           | 10 N push-button<br>8 N eighth push-button                                                                                                                                                                                                             |
| Short-circuit protection                                  | 10 A fuse protection cartridge gG                                                                                                                                                                                                                      |
| Rated operational power in W                              | 40 W DC-13 1000000 cycles 60 cyc/mn 120 V 0.5 inductive IEC 60947-5-1 appendix C<br>48 W DC-13 1000000 cycles 60 cyc/mn 48 V 0.5 inductive IEC 60947-5-1 appendix C<br>65 W DC-13 1000000 cycles 60 cyc/mn 24 V 0.5 inductive IEC 60947-5-1 appendix C |
| Terminals description ISO n°1                             | (13-14)NO                                                                                                                                                                                                                                              |
| Terminals description ISO n°2                             | (11-12)NC                                                                                                                                                                                                                                              |
| Terminal identifier                                       | (13-14)NO<br>(11-12)NC                                                                                                                                                                                                                                 |
| Product weight                                            | 2.07 lb(US) (0.94 kg)                                                                                                                                                                                                                                  |

## Ordering and shipping details

|                       |                              |
|-----------------------|------------------------------|
| Category              | 22473 - PUSHBUTTON, PENDANTS |
| Discount Schedule     | CS2                          |
| GTIN                  | 00785901123705               |
| Nbr. of units in pkg. | 1                            |
| Package weight(Lbs)   | 2.0499999999999998           |
| Returnability         | N                            |
| Country of origin     | MX                           |

## Offer Sustainability

|                                  |                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                                                                                                                                    |
| RoHS (date code: YYWW)           | Compliant - since 0627 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                                                                                                                                                        |
| Product environmental profile    | Available                                                                                                                                                                                                |
| Product end of life instructions | Need no specific recycling operations                                                                                                                                                                    |
| California proposition 65        | WARNING: This product can expose you to chemicals including:                                                                                                                                             |
| ----- Substance 1                | Nickel compounds, which is known to the State of California to cause cancer, and                                                                                                                         |
| ----- Substance 2                | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.                                                                               |
| ----- More information           | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                                                                                            |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 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

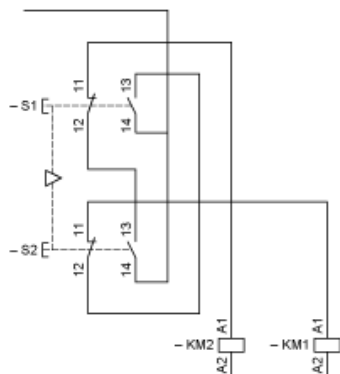
| Number of cut-outs | 2   | 3   | 4   | 5   | 6   | 8   | 12  |
|--------------------|-----|-----|-----|-----|-----|-----|-----|
| b                  | 314 | 314 | 440 | 440 | 500 | 560 | 680 |
| b1                 | 190 | 190 | 250 | 250 | 310 | 370 | 490 |
| c                  | 80  | 80  | 80  |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

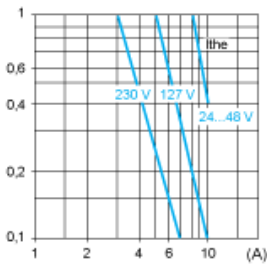


Rated Operational Power

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



$I_{the}$  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  |

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