

# Product data sheet

## Characteristics

# XACB4935

pendant control station XAC-B - 4 pushbuttons  
+ 1 Emergency stop



## Main

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

## Complementary

|                                                          |                                                                                                                                                                                                                         |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Enclosure material                                       | Glass reinforced polyester                                                                                                                                                                                              |
| Electrical circuit type                                  | Power circuit                                                                                                                                                                                                           |
| Enclosure type                                           | Ready for use enclosure                                                                                                                                                                                                 |
| Control station application                              | Control of single speed hoist motor                                                                                                                                                                                     |
| Control station composition                              | 4 push-buttons + 1 emergency stop                                                                                                                                                                                       |
| Control button type                                      | Emergency stop push-button Ø 40 mm 3 NC trigger action<br>First push-button 3-pole raise, slow<br>Second push-button 3-pole lower, slow<br>Fourth push-button 3-pole left, slow<br>Third push-button 3-pole right, slow |
| Product compatibility                                    | XESD2201 for reversing operation<br>XACS3991 for emergency stop                                                                                                                                                         |
| Mechanical interlocking                                  | With mechanical interlocking between pairs                                                                                                                                                                              |
| Control station colour                                   | Yellow                                                                                                                                                                                                                  |
| Connections - terminals                                  | Screw clamp terminals, 1 x 2.5 mm <sup>2</sup> with or without cable end<br>Screw clamp terminals, 2 x 1.5 mm <sup>2</sup> with or without cable end                                                                    |
| Standards                                                | EN/ISO 13850: 2006<br>CSA C22.2 No 14<br>EN/IEC 60947-5-5<br>EN/IEC 60204-32<br>EN/IEC 60947-5-1                                                                                                                        |
| Product certifications                                   | CSA                                                                                                                                                                                                                     |
| 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                                                                                                                                                                                                                    |
| Mechanical durability                                    | 1000000 cycles                                                                                                                                                                                                          |
| Cable entry                                              | Rubber sleeve with stepped entry 10...22 mm                                                                                                                                                                             |
| [I <sub>th</sub> ] conventional enclosed thermal current | 20 A                                                                                                                                                                                                                    |
| [U <sub>i</sub> ] rated insulation voltage               | Emergency stop contact: 400 V (pollution degree 3) conforming to IEC 60947-1<br>300 V conforming to CSA                                                                                                                 |

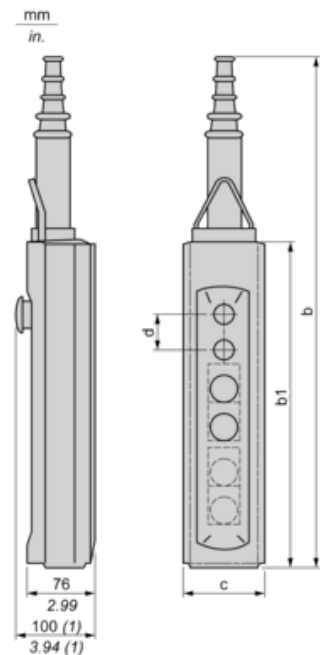
|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Contact operation                      | Snap action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Operating force                        | 32 N push-button<br>40 N emergency stop                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Short-circuit protection               | 12 A fuse protection by cartridge fuse type aM                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Rated power in hp                      | 3 hp at 240 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Rated operational power in W           | 3000 W at 240 V<br>3000 W at 400 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Electrical durability                  | 1000000 Cycles AC-3, 3000 W at 400 V, operating rate <10 cyc/mn, load factor = 0.4 conforming to IEC 60947-3 appendix A<br>1000000 Cycles AC-4, 3000 W at 400 V, operating rate <10 cyc/mn, load factor = 0.4 conforming to IEC 60947-3 appendix A<br>700000 Cycles AC-3, 3000 W at 240 V, operating rate <10 cyc/mn, load factor = 0.4 conforming to IEC 60947-3 appendix A<br>700000 cycles AC-4, 3000 W at 240 V, operating rate <10 cyc/mn, load factor = 0.4 conforming to IEC 60947-3 appendix A |
| Terminals description ISO n°1          | (63-64)NO<br>(13-14)NO<br>(33-34)NO<br>(23-24)NO<br>(53-54)NO<br>(73-74)NO                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Terminals description ISO n°2          | (31-32)NC<br>(21-22)NC<br>(11-12)NC                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Terminal identifier                    | (11-12)NC<br>(13-14)NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Net weight                             | 1.39 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| REACH Regulation           |  <a href="#">REACH Declaration</a>       |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)                                                                  |
| Mercury free               | Yes                                                                                                                         |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>  |
| RoHS exemption information |  <a href="#">Yes</a>                     |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## 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) With mushroom head operator

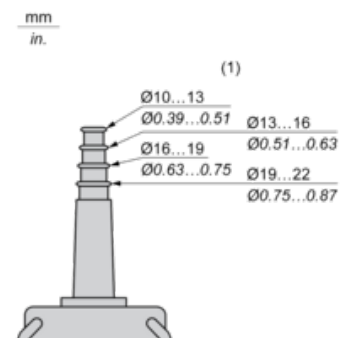
Dimensions in mm

| Number of cut-outs | 2   | 4   | 6   | 8   | 12  |
|--------------------|-----|-----|-----|-----|-----|
| b                  | 409 | 499 | 589 | 679 | 679 |
| b1                 | 220 | 310 | 400 | 490 | 490 |
| c                  | 98  | 98  | 98  | 98  | 98  |
| d                  | 40  | 40  | 40  | 40  | 30  |

Dimensions in in.

| Number of cut-outs | 2     | 4     | 6     | 8     | 12    |
|--------------------|-------|-------|-------|-------|-------|
| b                  | 16.10 | 19.64 | 23.19 | 26.73 | 26.73 |
| b1                 | 8.66  | 12.20 | 15.75 | 19.29 | 19.29 |
| c                  | 3.86  | 3.86  | 3.86  | 3.86  | 3.86  |
| d                  | 1.57  | 1.57  | 1.57  | 1.57  | 1.18  |

Protective cable sleeves

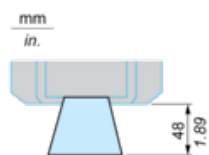


(1) Internal  $\varnothing$

## Protective Guard

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### Dimensions



## Control of Single-Speed Reversing Motor 3-Phase switching, Reversing by 2-Phase Inversion

With XESD2201 contact block, to be ordered separately

