



## Main

|                             |                                                                                                                                                                                                                                                                                                                           |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product            | Harmony XAC                                                                                                                                                                                                                                                                                                               |
| Product or component type   | Pendant control station                                                                                                                                                                                                                                                                                                   |
| Control station name        | XACA                                                                                                                                                                                                                                                                                                                      |
| 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 | 6 pushbuttons + 1 emergency stop                                                                                                                                                                                                                                                                                          |
| Control button type         | Sixth push-button 1 NC + 1 NO reverse, slow<br>Fifth push-button 1 NC + 1 NO forward slow<br>Third push-button 1 NC + 1 NO right, slow<br>Fourth push-button 1 NC + 1 NO left, slow<br>Stop push-button Ø 40 mm 1 NC, latching<br>Second push-button 1 NC + 1 NO lower, slow<br>First push-button 1 NC + 1 NO raise, slow |
| Contact block name          | ZB2BE102 for emergency stop<br>ZB2BE102 + ZB2BE101 for each direction                                                                                                                                                                                                                                                     |
| Mechanical interlocking     | With mechanical interlocking between pairs                                                                                                                                                                                                                                                                                |

## Complementary

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control station colour                                    | Yellow                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Connections - terminals                                   | Screw clamp terminals, connection capacity: 1 x 0.5...2 x 1.5 mm <sup>2</sup> with cable end<br>Screw clamp terminals, connection capacity: 1 x 0.5...1 x 2.5 mm <sup>2</sup> without cable end                                                                                                                                                                                                                                               |
| Mechanical durability                                     | 1000000 cycles                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Cable entry                                               | Rubber sleeve with stepped entry, cable outer diameter: 8...26 mm                                                                                                                                                                                                                                                                                                                                                                             |
| Contact code designation                                  | Q600 DC-13, U <sub>e</sub> = 600 V, I <sub>e</sub> = 0.1 A conforming to IEC 60947-5-1 appendix A<br>Q600 DC-13, U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.27 A conforming to IEC 60947-5-1 appendix A<br>A600 AC-15, U <sub>e</sub> = 600 V, I <sub>e</sub> = 1.2 A conforming to IEC 60947-5-1 appendix A<br>A600 AC-15, U <sub>e</sub> = 240 V, I <sub>e</sub> = 3 A conforming to IEC 60947-5-1 appendix A                               |
| [I <sub>th</sub> e] conventional enclosed thermal current | 10 A                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| [U <sub>i</sub> ] rated insulation voltage                | 600 V (degree of pollution: 3)                                                                                                                                                                                                                                                                                                                                                                                                                |
| [U <sub>imp</sub> ] rated impulse withstand voltage       | 6 kV conforming to IEC 60947-1                                                                                                                                                                                                                                                                                                                                                                                                                |
| Contacts operation                                        | Slow-break                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Resistance across terminals                               | <= 25 MOhm                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Operating force                                           | 8 N for emergency stop<br>13 N for push-button                                                                                                                                                                                                                                                                                                                                                                                                |
| Short circuit protection                                  | 10 A fuse protection by cartridge fuse type gG                                                                                                                                                                                                                                                                                                                                                                                                |
| Rated operational power in W                              | 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<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>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 |
| Terminals description ISO n°1                             | (11-12)NC<br>(13-14)NO                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Terminals description ISO n°2                             | (11-12)NC                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Terminal identifier                                       | (11-12)NC<br>(13-14)NO                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product weight                                            | 0.935 kg                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## Environment

|                                            |                                                                  |
|--------------------------------------------|------------------------------------------------------------------|
| Standards                                  | EN/IEC 60204-32<br>EN/IEC 60947-5-1<br>UL 508<br>CSA C22.2 No 14 |
| 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                              |
| Class of protection against electric shock | Class II conforming to IEC 61140                                 |
| IP degree of protection                    | IP65 conforming to IEC 60529                                     |
| IK degree of protection                    | IK08 conforming to EN 50102                                      |