



### Main

|                             |                                                                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product            | Harmony XAC                                                                                                                                                    |
| Product or component type   | Pendant control station                                                                                                                                        |
| Control station name        | XACD                                                                                                                                                           |
| Control station type        | Double insulated                                                                                                                                               |
| Enclosure material          | Polypropylene                                                                                                                                                  |
| Control type                | Intuitive                                                                                                                                                      |
| Electrical circuit type     | Power circuit                                                                                                                                                  |
| Enclosure type              | Complete ready for use                                                                                                                                         |
| Control station application | Control of single speed hoist motor                                                                                                                            |
| Motor starter type          | Reversing                                                                                                                                                      |
| Control station composition | 1 2-directional button + 1 emergency stop                                                                                                                      |
| Control button type         | Second direction button 1 NO (brake), 2-pole lower, slow<br>First direction button 1 NO (brake), 2-pole raise, slow<br>Stop push-button Ø 30 mm 3 NC, latching |
| Contact block name          | XENT1991 for emergency stop<br>XEDS3121 for reversing operation                                                                                                |
| Mechanical interlocking     | With mechanical interlocking                                                                                                                                   |

### Complementary

|                                                          |                                                                                                                                                                                                                                                      |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control station colour                                   | Yellow                                                                                                                                                                                                                                               |
| Connections - terminals                                  | Screw clamp terminals, connection capacity: 2 x 1.5 mm <sup>2</sup> with or without cable end<br>Screw clamp terminals, connection capacity: 1 x 2.5 mm <sup>2</sup> with or without cable end                                                       |
| Mechanical durability                                    | 3000000 cycles                                                                                                                                                                                                                                       |
| Cable entry                                              | Rubber sleeve with stepped entry, cable outer diameter: 7...18 mm                                                                                                                                                                                    |
| [I <sub>th</sub> ] conventional enclosed thermal current | 16 A XEDS....<br>10 A XENT....                                                                                                                                                                                                                       |
| [U <sub>i</sub> ] rated insulation voltage               | 400 V (degree of pollution: 3) for emergency stop contact<br>500 V (degree of pollution: 3) conforming to IEC 60947-1                                                                                                                                |
| [U <sub>imp</sub> ] rated impulse withstand voltage      | 4 kV for emergency stop contact<br>6 kV conforming to IEC 60947-1                                                                                                                                                                                    |
| Contacts operation                                       | Snap action                                                                                                                                                                                                                                          |
| Operating force                                          | 28 N                                                                                                                                                                                                                                                 |
| Short circuit protection                                 | ≤ 6 A fuse protection by cartridge fuse type aM                                                                                                                                                                                                      |
| Rated operational power in W                             | 3000 W AC-23B at 400 V<br>2200 W AC-4 at 400 V conforming to IEC 60947-3 appendix A<br>2200 W AC-3 at 400 V conforming to IEC 60947-3 appendix A                                                                                                     |
| Electrical durability                                    | 1000000 cycles AC-4, 2200 W at 400 V, operating rate = 10 cyc/mn, load factor = 0.4 conforming to IEC 60947-3 appendix A<br>1000000 cycles AC-3, 2200 W at 400 V, operating rate = 10 cyc/mn, load factor = 0.4 conforming to IEC 60947-3 appendix A |
| Terminals description ISO n°1                            | (1-2)P<br>(13-14)NO<br>(15-16)NO<br>(3-4)P<br>(5-6)P<br>(7-8)P                                                                                                                                                                                       |

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|                               |                                     |
|-------------------------------|-------------------------------------|
| Terminals description ISO n°2 | (11-12)NC<br>(21-22)NC<br>(31-32)NC |
| Terminal identifier           | (11-12)NC<br>(13-14)NO              |
| Product weight                | 0.41 kg                             |

## Environment

|                                            |                                                                  |
|--------------------------------------------|------------------------------------------------------------------|
| Standards                                  | EN/IEC 60204-32<br>EN/IEC 60947-5-1<br>UL 508<br>CSA C22.2 No 14 |
| 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                                      |