Product datasheet

Specification





pendant control station XAC-A - 4 pushbuttons 1 Emergency stop

Local distributor code:

393522855 XACA49141

EAN Code: 3389110835625

Main

| Range Of Product | Harmony XAC |
|---------------------------|-------------------------|
| Product Or Component Type | Pendant control station |
| Device Short Name | XACA |

Complementary

| 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 2-speed hoist motor |
| Control Station Composition | 4 push-buttons + 1 emergency stop |
| Control Button Type | First push-button 1 NC + 2 NO raise, slow-fast Second push-button 1 NC + 2 NO lower, slow-fast Emergency stop push-button Ø 40 mm 3 NC trigger action Fourth push-button 1 NC + 2 NO left, slow-fast Third push-button 1 NC + 2 NO right, slow-fast |
| Product Compatibility | XENT1192 for emergency stop XENG1191 for each direction |
| Mechanical Interlocking | With mechanical interlocking between pairs |
| Control Station Colour | Yellow |
| Connections - Terminals | Screw clamp terminals, 1 x 0.51 x 2.5 mm 2 without cable end Screw clamp terminals, 1 x 0.52 x 1.5 mm 2 with cable end |
| Standards | CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60947-5-5 EN/ISO 13850: 2006 UL 508 EN/IEC 60204-32 |
| Product Certifications | GOST CCC |
| Protective Treatment | тн |
| Ambient Air Temperature For Operation | -2570 °C |
| Ambient Air Temperature For Storage | -4070 °C |
| Vibration Resistance | 15 gn (f= 10500 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 826 mm | | | | | |
| Contact Code Designation | A600 AC-15, Ue = 240 V, Ie = 3 A conforming to IEC 60947-5-1 appendix A A600 AC-15, Ue = 600 V, Ie = 1.2 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 250 V, Ie = 0.27 A conforming to IEC 60947-5-1 appendix A 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 | Emergency stop contact: 400 V (pollution degree 3) conforming to IEC 60947-1 600 V (pollution degree 3) | | | | | |
| [Uimp] Rated Impulse Withstand Voltage | 6 kV conforming to IEC 60947-1 | | | | | |
| Contact Operation | Staggered Slow-break | | | | | |
| Maximum Resistance Across Terminals | 25 MOhm | | | | | |
| Operating Force | 14 N emergency stop 18 N 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 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 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 | (21-22)NC (33-34)NO_CL (13-14)NO | | | | | |
| Terminals Description Iso N°2 | (11-12)NC (31-32)NC (21-22)NC | | | | | |
| Terminal Identifier | (11-12)NC (13-14)NO | | | | | |
| Net Weight | 0.7 kg | | | | | |
| | | | | | | |

Packing Units

| Unit Type Of Package 1 | PCE |
|------------------------------|---------|
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 8.5 cm |
| Package 1 Width | 9.0 cm |
| Package 1 Length | 35.0 cm |
| Package 1 Weight | 600.0 g |

Contractual warranty

Warranty 18 months



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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

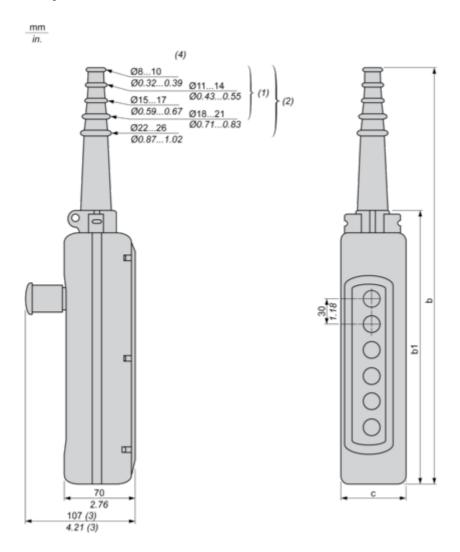
Certifications & Standards

| Reach Regulation | REACh Declaration |
|---------------------------------|---|
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| China Rohs Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | No need of specific recycling operations |

Dimensions Drawings

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 |
| С | 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 |

Product datasheet

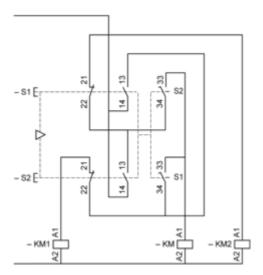
XACA49141

| Number of cut-outs | 2 | 3 | 4 | 5 | 6 | 8 | 12 |
|--------------------|------|------|------|------|------|------|------|
| С | 3.15 | 3.15 | 3.15 | 3.15 | 3.15 | 3.15 | 3.62 |

Connections and Schema

Control of 2-Speed Reversing Motor

With two XENG1191 contact blocks, to be ordered separately



KM High speed contactor

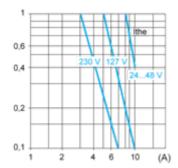
XACA49141

Performance Curves

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



Ithe 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 |