

# Product data sheet

Specifications



## pendant station XAC-A pistol grip - 2 booted push buttons 1 Emergency stop

XACA2174TQ

⚠ Discontinued on: 29 Jan 2021

⚠ Discontinued

### Main

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

### Complementary

|                                       |                                                                                                                                               |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Control station type                  | Double insulated                                                                                                                              |
| Enclosure material                    | Polypropylene                                                                                                                                 |
| Control type                          | Intuitive                                                                                                                                     |
| Electrical circuit type               | Control circuit                                                                                                                               |
| enclosure type                        | Complete ready for use                                                                                                                        |
| Control station application           | Control of 2-speed hoist motor                                                                                                                |
| Control station composition           | 2 booted push-buttons + 1 emergency stop                                                                                                      |
| Control button type                   | Emergency stop push-button Ø 30 mm 1 NC trigger action<br>First push-button 2 NO raise, slow-fast<br>Second push-button 2 NO lower, slow-fast |
| Product compatibility                 | ZB2BE102 for emergency stop<br>ZB2BE101 + ZB2BE201 for each direction                                                                         |
| Mechanical interlocking               | With mechanical interlocking                                                                                                                  |
| Control station colour                | Yellow                                                                                                                                        |
| Connections - terminals               | Screw clamp terminals, 1 x 2.5 mm² with or without cable end<br>Screw clamp terminals, 2 x 1.5 mm² with or without cable end                  |
| Standards                             | EN/ISO 13850: 2006<br>EN/IEC 60204-32<br>EN/IEC 60947-5-5<br>EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>UL 508                                    |
| Product certifications                | UL<br>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                                                                                                              |

Disclaimer: 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

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 7...15 mm                                                                                                                                                                                                                                                                                                                                                                                                 |
| Contact code designation                     | A600 AC-15, Ue = 240 V, Ie = 3 A conforming to IEC 60947-5-1 appendix A<br>A600 AC-15, Ue = 600 V, Ie = 1.2 A conforming to IEC 60947-5-1 appendix A<br>Q600 DC-13, Ue = 250 V, Ie = 0.27 A conforming to IEC 60947-5-1 appendix A<br>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                | 600 V (pollution degree 3) conforming to IEC 60947-1                                                                                                                                                                                                                                                                                                                                                                                       |
| [Uimp] rated impulse withstand voltage       | 6 kV conforming to IEC 60947-1                                                                                                                                                                                                                                                                                                                                                                                                             |
| Contact operation                            | Slow-break<br>Staggered                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Maximum resistance across terminals          | 25 MOhm                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Operating force                              | 13...15 N                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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<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>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                | (13-14)NO<br>(23-24)NO_CL                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Terminals description ISO n°2                | (11-12)NC                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Terminal identifier                          | (13-14)NO<br>(11-12)NC                                                                                                                                                                                                                                                                                                                                                                                                                     |



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

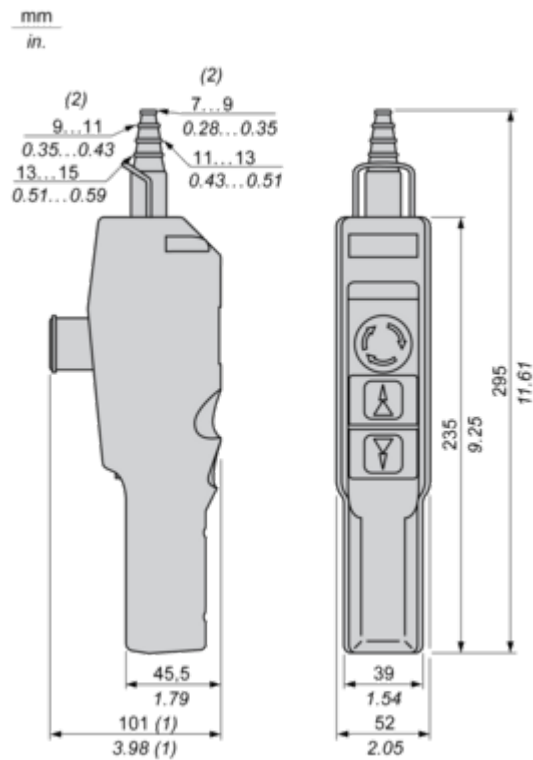
[How we assess product sustainability >](#)

### Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |

Dimensions Drawings

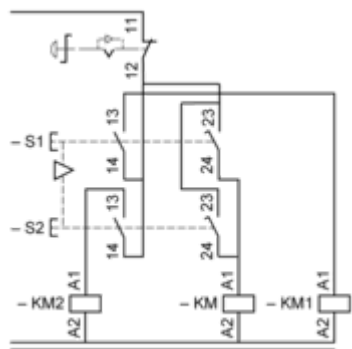
Dimensions



- (1) With trigger action latching Ø 30 mm / 1.18 in. Emergency stop.
- (2) Internal Ø

Connections and Schema

Control of 2-Speed Reversing Motor



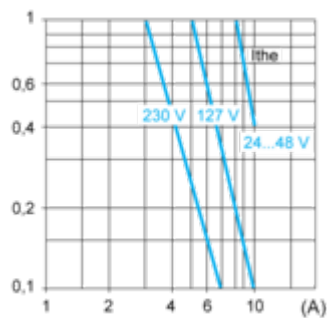
Performance Curves

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

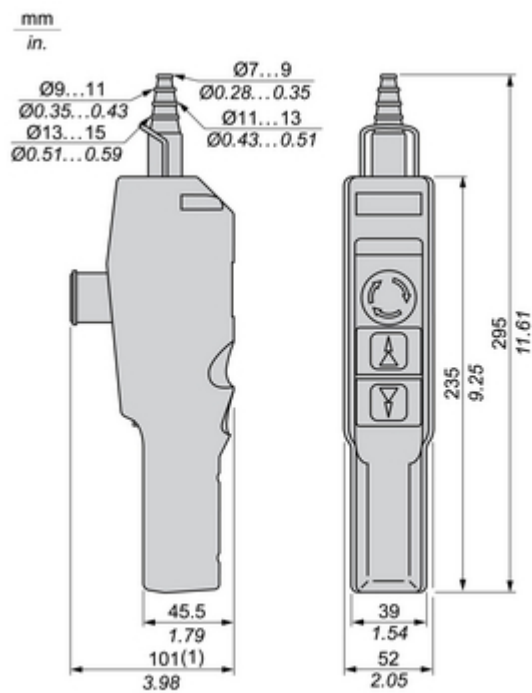
Operating rate: 3600 operating cycles/hour. Load factor: 0.5.

Power broken in W for 1 million operating cycles, DC-13 utilization category

| Voltage           | V | 24 | 48 | 120 |
|-------------------|---|----|----|-----|
| Inductive circuit | W | 65 | 48 | 40  |

Technical Illustration

Dimensions



(1) With trigger action latching Ø 30 mm / 1.18 in. Emergency stop.

Technical Illustration

Wiring diagram

Control of 2-Speed Reversing Motor

