

# XALD111

dark grey station - 1 red flush pushbutton Ø22  
spring return 1NO "Arret"



## Main

|                             |  |
|-----------------------------|--|
| Range of product            | Harmony XALD                                 |
| Product or component type   | Complete control station                     |
| Device short name           | XALD   |
| Product destination         | For XB5 Ø 22 mm control and signalling units |
| Control station application | Stop function                                |
| Colour of base of enclosure | Light grey RAL 7035                          |
| Colour of cover             | Dark grey RAL 7016                           |
| Material                    | Polycarbonate                                |
| Operator profile            | 1 flush pushbutton                           |
| Operators description       | Red 'ARRET' 1 NC                             |
| Control station composition | 1 flush pushbutton red 1 NC ARRET marking    |
| Marking location            | Marking on legend holder                     |
| Contacts operation          | Slow-break                                   |

## Complementary

|  |  |
|--|--|
| Cable entry  | 1 knock-out for cable entry, clamping capacity: <= 14 mm<br>2 knock-outs for Pg 13 cable gland and ISO M20, clamping capacity: <= 12 mm  |
| Product weight   | 0.157 kg   |
| Resistance to high pressure washer                       | 7000000 Pa at 55 °C, distance: 0.1 m   |
| Positive opening   | With conforming to EN/IEC 60947-5-1 appendix K   |
| Operating travel   | 1.5 mm (NC changing electrical state)<br>4.3 mm (total travel)   |
| Operating force  | 3.5 N (NC changing electrical state)   |
| Mechanical durability                                    | 5000000 cycles   |
| Connections - terminals                                  | Screw clamp terminals: <= 2 x 1.5 mm <sup>2</sup> with cable end conforming to EN/IEC 60947-1<br>Screw clamp terminals: >= 1 x 0.22 mm <sup>2</sup> without cable end conforming to EN/IEC 60947-1   |
| Tightening torque  | 0.8...1.2 N.m conforming to EN/IEC 60947-1   |
| Shape of screw head                                      | Cross, Philips no 1<br>Cross, pozidriv No 1<br>Slotted, flat Ø 4 mm<br>Slotted, flat Ø 5.5 mm  |
| Contacts material  | Silver alloy (Ag/Ni)   |
| Short circuit protection                                 | 10 A by gG cartridge fuse conforming to EN/IEC 60947-5-1   |
| [I <sub>th</sub> ] conventional free air thermal current | 10 A conforming to EN/IEC 60947-5-1  |
| [U <sub>i</sub> ] rated insulation voltage               | 600 V (degree of pollution: 3) conforming to EN/IEC 60947-1  |
| [U <sub>imp</sub> ] rated impulse withstand voltage      | 6 kV conforming to EN/IEC 60947-1  |
| [I <sub>e</sub> ] rated operational current              | AC-15, A600: U <sub>e</sub> = 120 V I <sub>e</sub> = 6 A conforming to EN/IEC 60947-5-1<br>AC-15, A600: U <sub>e</sub> = 240 V I <sub>e</sub> = 3 A conforming to EN/IEC 60947-5-1<br>AC-15, A600: U <sub>e</sub> = 600 V I <sub>e</sub> = 1.2 A conforming to EN/IEC 60947-5-1<br>DC-13, Q600: U <sub>e</sub> = 125 V I <sub>e</sub> = 0.55 A conforming to EN/IEC 60947-5-1<br>DC-13, Q600: U <sub>e</sub> = 250 V I <sub>e</sub> = 0.27 A conforming to EN/IEC 60947-5-1<br>DC-13, Q600: U <sub>e</sub> = 600 V I <sub>e</sub> = 0.1 A conforming to EN/IEC 60947-5-1 |

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| Electrical durability                | 1000000 cycles AC-15, 2 A at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C<br>1000000 cycles AC-15, 3 A at 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C<br>1000000 cycles AC-15, 4 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C<br>1000000 cycles DC-13, 0.2 A at 110 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C<br>1000000 cycles DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C |
| Electrical reliability IEC 60947-5-4 | $\Lambda < 10\exp(-6)$ at 5 V, 1 mA conforming to EN/IEC 60947-5-4<br>$\Lambda < 10\exp(-8)$ at 17 V, 5 mA conforming to EN/IEC 60947-5-4  |

## Environment

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| Protective treatment                       | TH   |
| Ambient air temperature for storage        | -40...70 °C  |
| Ambient air temperature for operation      | -25...70 °C  |
| Class of protection against electric shock | Class II conforming to IEC 60536   |
| IP degree of protection                    | IP65 conforming to IEC 60529   |
| NEMA degree of protection                  | NEMA 13<br>NEMA 4X   |
| IK degree of protection                    | IK03 conforming to EN 50102  |
| Standards                                  | CSA C22-2 No 14<br>EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-4<br>EN/IEC 60947-5-5<br>JIS C 4520<br>UL 508                                |
| Product certifications                     | CSA<br>UL listed   |
| Vibration resistance                       | 5 gn (12...500 Hz) conforming to IEC 60068-2-6   |
| Shock resistance                           | 30 gn for 18 ms half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn for 11 ms half sine wave acceleration conforming to IEC 60068-2-27 |