|  |  |  |
| :---: | :---: | :---: |
| (3) | Main |  |
|  | Range of product | Harmony XALK |
|  | Product or component type | Complete control station |
|  | Device short name | XALK |
|  | Product destination | For XB5 Ø 22 mm control and signalling units |
|  | Control station application | Emergency stop function Emergency switching off function |
|  | Colour of base of enclosure | Light grey RAL 7035 |
|  | Colour of cover | Yellow RAL 1021 |
|  | Material | Polycarbonate |
|  | Operator profile | 1 mushroom head push-button |
|  | Operators description | Red unmarked $1 \mathrm{NO}+1 \mathrm{NC}$ |
|  | Reset | Key release |
|  | Control station composition | 1 mushroom head $\varnothing 40$ mm push-button, red - 1 $\mathrm{NO}+1 \mathrm{NC}$ unmarked |
|  | Contact operation | Slow-break |

## Complementary

| Cable entry | 1 knock-out for cable entry $0 . . .14 \mathrm{~mm}$ 2 knock-outs for Pg 13 cable gland and ISO M20 0... 12 mm |
| :---: | :---: |
| Product weight | 0.41 lb (US) ( 0.188 kg ) |
| Resistance to high pressure washer | $1015.26 \mathrm{psi}(7000000 \mathrm{~Pa})$ at $131{ }^{\circ} \mathrm{F}\left(55^{\circ} \mathrm{C}\right), 0.1 \mathrm{~m}$ |
| Key number | 455 |
| Positive opening | With conforming to EN/IEC 60947-5-1 appendix K |
| Operating travel | 0.06 in ( 1.5 mm ) NC changing electrical state 0.1 in ( 2.6 mm ) NO changing electrical state $0.17 \mathrm{in}(4.3 \mathrm{~mm})$ total travel |
| Operating force | 44 N NC + NO changing electrical state |
| Mechanical durability | 300000 cycles |
| Connections - terminals | Screw clamp terminals $<=2 \times 1.5 \mathrm{~mm}^{2}$ with cable end conforming to EN/IEC 60947-1 Screw clamp terminals >= $1 \times 0.22 \mathrm{~mm}^{2}$ without cable end conforming to EN/IEC 60947-1 |
| Tightening torque | 7.08...10.62 lbf.in (0.8...1.2 N.m) conforming to EN/IEC 60947-1 |
| Shape of screw head | Cross Philips no 1 Cross pozidriv No 1 Slotted flat $\varnothing 4 \mathrm{~mm}$ Slotted flat $\varnothing 5.5 \mathrm{~mm}$ |
| Contacts material | Silver alloy (Ag/Ni) |
| Short-circuit protection | 10 A cartridge fuse, gG conforming to EN/IEC 60947-5-1 |
| [lth] conventional free air thermal current | 10 A conforming to EN/IEC 60947-5-1 |
| [Ui] rated insulation voltage | 600 V , degree of pollution: 3 conforming to EN/IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-1 |
| [le] rated operational current | 3 A at 240 V AC-15, A600 conforming to EN/IEC 60947-5-1 6 A at 120 V AC-15, A600 conforming to EN/IEC 60947-5-1 <br> 0.1 A at 600 V DC-13, Q600 conforming to EN/IEC 60947-5-1 <br> 0.27 A at 250 V DC-13, Q600 conforming to EN/IEC 60947-5-1 <br> 0.55 A at 125 V DC-13, Q600 conforming to EN/IEC 60947-5-1 <br> 1.2 A at 600 V AC-15, A600 conforming to EN/IEC 60947-5-1 |
| Electrical durability | 1000000 cycles AC-15 at 2 A 230 V at $3600 \mathrm{cyc} / \mathrm{h}$, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 at 3 A 120 V at $3600 \mathrm{cyc} / \mathrm{h}$, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 at 4 A 24 V at $3600 \mathrm{cyc} / \mathrm{h}$, load factor: 0.5 conforming to |


| Electrical reliability | $\Lambda<10 \exp (-8)$ at 17 V and 5 mA conforming to EN/IEC 60947-5-4 |
| :--- | :--- |
|  | $\Lambda<10 \exp (-6)$ at 5 V and 1 mA conforming to EN/IEC 60947-5-4 |

## Environment

| protective treatment | TH |
| :---: | :---: |
| ambient air temperature for storage | $-40 \ldots 158{ }^{\circ} \mathrm{F}\left(-40 \ldots 70^{\circ} \mathrm{C}\right)$ |
| ambient air temperature for operation | $-40 \ldots 158{ }^{\circ} \mathrm{F}\left(-40 \ldots 70^{\circ} \mathrm{C}\right)$ |
| overvoltage category | Class II conforming to IEC 60536 |
| IP degree of protection | IP67 <br> IP66 conforming to IEC 60529 IP69K <br> IP69 |
| NEMA degree of protection | NEMA 13 <br> NEMA 4X |
| IK degree of protection | IK03 conforming to EN 50102 |
| standards | EN/IEC 60204-1 <br> EN/IEC 60947-1 <br> EN/IEC 60947-5-1 <br> EN/IEC 60947-5-4 <br> EN/IEC 60947-5-5 <br> EN/ISO 13850 <br> IEC 60364-5-53 <br> JIS C 4520 <br> UL 508 <br> CSA C22.2 No 14 |
| product certifications | CSA <br> UL listed |
| vibration resistance | $5 \mathrm{gn}(\mathrm{f}=12 \ldots 500 \mathrm{~Hz}$ ) conforming to IEC 60068-2-6 |
| shock resistance | 30 gn (duration $=18 \mathrm{~ms}$ ) half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration $=11 \mathrm{~ms}$ ) half sine wave acceleration conforming to IEC 60068-2-27 |

Offer Sustainability

| Green Premium product | Green Premium product |
| :--- | :--- |
| Compliant - since 0627-Schneider Electric declaration <br> of conformity | Compliant - since 0627-Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold | Reference not containing SVHC above the threshold |
| Available | Available |
| Need no specific recycling operations | Need no specific recycling operations |
| WARNING: This product can expose you to chemicals <br> including: | WARNING: This product can expose you to chemicals including: |
| Lead and lead compounds, which is known to the State <br> of California to cause cancer and birth defects or other <br> reproductive harm. | Lead and lead compounds, which is known to the State of California to cause cancer |
| For more information go to www.p65warnings.ca.gov | For more information go to www.p65warnings.ca.gov |

Contractual warranty
Warranty period 18 months

## Dimensions


(1) 2 knock-outs for Pg 13.5 cable gland, maximum capacity $12 \mathrm{~mm} / 0.47 \mathrm{in}$.
(2) Knock-out for cable entry, maximum capacity $14 \mathrm{~mm} / 0.55 \mathrm{in}$.

| Control station fitted with: | c in mm | c in in. |
| :--- | :--- | :--- |
| Flush pushbutton | 62 | 2.44 |
| Pilot light | 64 | 2.52 |
| Illuminated pushbutton | 65.5 | 2.58 |
| Projecting pushbutton | 66 | 2.60 |
| Selector switch | 80 | 3.15 |
| Mushroom head pushbutton | 91.5 | 3.58 |
| Latching mushroom head Emergency stop pushbutton wit h key | 115 | 4.53 |
| Key switch | 105.5 | 4.15 |

