

# XB4BG61

complete selector switch Ø22 2-position spring  
return 1NO Ronis 455

Product availability: Stock - Normally stocked in distribution facility



## Main

|                               |                                                                                                                                                                                                                |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Commercial Status             | Commercialised                                                                                                                                                                                                 |
| Range of product              | Harmony XB4                                                                                                                                                                                                    |
| Product or component type     | Complete selector switch                                                                                                                                                                                       |
| Device short name             | XB4                                                                                                                                                                                                            |
| Bezel material                | Chromium plated metal                                                                                                                                                                                          |
| Fixing collar material        | Zamak                                                                                                                                                                                                          |
| Mounting diameter             | 0.87 in (22 mm)                                                                                                                                                                                                |
| Sale per indivisible quantity | 1                                                                                                                                                                                                              |
| Shape of signaling unit head  | Round                                                                                                                                                                                                          |
| Type of operator              | Spring return right to left                                                                                                                                                                                    |
| Operator profile              | Key switch                                                                                                                                                                                                     |
| Operator position information | 2 positions 90°                                                                                                                                                                                                |
| Contacts type and composition | 1 NO                                                                                                                                                                                                           |
| Contacts operation            | Slow-break                                                                                                                                                                                                     |
| Connections - terminals       | Screw clamp terminals: $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to EN/IEC 60947-1<br>Screw clamp terminals: $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to EN/IEC 60947-1 |

## Complementary

|                                             |                                                                                                                                                                                                                               |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Height                                      | 1.85 in (47 mm)                                                                                                                                                                                                               |
| Width                                       | 1.18 in (30 mm)                                                                                                                                                                                                               |
| Depth                                       | 3.39 in (86 mm)                                                                                                                                                                                                               |
| Terminals description ISO n°1               | (13-14)NO                                                                                                                                                                                                                     |
| Product weight                              | 0.26 lb(US) (0.117 kg)                                                                                                                                                                                                        |
| Resistance to high pressure washer          | 1015.26 psi (7000000 Pa) at 131 °F (55 °C), distance: 0.1 m                                                                                                                                                                   |
| Type of keylock                             | Ronis 455                                                                                                                                                                                                                     |
| Key withdrawal position                     | Left-hand                                                                                                                                                                                                                     |
| Contacts usage                              | Standard contacts                                                                                                                                                                                                             |
| Positive opening                            | Without positive opening                                                                                                                                                                                                      |
| Operating torque                            | 1.24 lbf.in (0.14 N.m) (NO changing electrical state)                                                                                                                                                                         |
| Mechanical durability                       | 1000000 cycles                                                                                                                                                                                                                |
| Tightening torque                           | 7.08...10.62 lbf.in (0.8...1.2 N.m) conforming to EN 60947-1                                                                                                                                                                  |
| Shape of screw head                         | Slotted head compatible with flat Ø 5.5 mm screwdriver<br>Slotted head compatible with flat Ø 4 mm screwdriver<br>Cross head compatible with pozidriv No 1 screwdriver<br>Cross head compatible with Philips no 1 screwdriver |
| Contacts material                           | Silver alloy (Ag/Ni)                                                                                                                                                                                                          |
| Short circuit protection                    | 10 A cartridge fuse type gG conforming to EN/IEC 60947-5-1                                                                                                                                                                    |
| [Ith] 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 60947-1                                                                                                                                                                       |
| [Uimp] rated impulse withstand voltage      | 6 kV conforming to EN 60947-1                                                                                                                                                                                                 |

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ie] rated operational current       | 1.2 A at 600 V, AC-15, A600 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>0.27 A at 250 V, DC-13, Q600 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>6 A at 120 V, AC-15, A600 conforming to EN/IEC 60947-5-1<br>3 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1                                                                                                                                                                                                                                                        |
| Electrical durability                | 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN 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 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 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 60947-5-1 appendix C<br>1000000 cycles, AC-15, 2 A at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN 60947-5-1 appendix C |
| Electrical reliability IEC 60947-5-4 | $\Lambda < 10\exp(-8)$ at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-4<br>$\Lambda < 10\exp(-6)$ at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-4                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Environment

|                                            |                                                                                                                                                      |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective treatment                       | TH                                                                                                                                                   |
| Ambient air temperature for storage        | -40...158 °F (-40...70 °C)                                                                                                                           |
| Ambient air temperature for operation      | -13...158 °F (-25...70 °C)                                                                                                                           |
| Class of protection against electric shock | Class I conforming to IEC 60536                                                                                                                      |
| IP degree of protection                    | IP69 K conforming to IEC 60529                                                                                                                       |
| NEMA degree of protection                  | NEMA 4X<br>NEMA 13                                                                                                                                   |
| IK degree of protection                    | IK06 conforming to IEC 50102                                                                                                                         |
| Standards                                  | 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<br>CSA C22.2 No 14                                |
| Product certifications                     | BV<br>CSA<br>DNV<br>GL<br>LROS (Lloyds register of shipping)<br>RINA<br>UL                                                                           |
| Vibration resistance                       | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6                                                                                                    |
| Shock resistance                           | 50 gn for 11 ms half sine wave acceleration conforming to IEC 60068-2-27<br>30 gn for 18 ms half sine wave acceleration conforming to IEC 60068-2-27 |

## Ordering and shipping details

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| Category              | 22468 - PUSHBUTTONS,22MM(METAL) NEW               |
| Discount Schedule     | CS2                                               |
| GTIN                  | 00785901380672                                    |
| Nbr. of units in pkg. | 1                                                 |
| Package weight(Lbs)   | 0.24                                              |
| Product availability  | Stock - Normally stocked in distribution facility |
| Returnability         | Y                                                 |
| Country of origin     | FR                                                |

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|