



## Main

|                               |                                                                                                                                                                                              |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | Harmony XB5                                                                                                                                                                                  |
| Product or component type     | Push-button                                                                                                                                                                                  |
| Device short name             | XB5                                                                                                                                                                                          |
| Bezel material                | Plastic colour plated white                                                                                                                                                                  |
| Head type                     | Standard                                                                                                                                                                                     |
| Fixing collar material        | Plastic                                                                                                                                                                                      |
| Mounting diameter             | 0.87 in (22 mm)                                                                                                                                                                              |
| Sale per indivisible quantity | 1                                                                                                                                                                                            |
| Shape of signaling unit head  | Round                                                                                                                                                                                        |
| Type of operator              | Spring return                                                                                                                                                                                |
| Operator profile              | Yellow flush, unmarked                                                                                                                                                                       |
| Contacts type and composition | 1 NO + 1 NC                                                                                                                                                                                  |
| Contact operation             | Slow-break                                                                                                                                                                                   |
| Connections - terminals       | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end EN/IEC 60947-1<br>Screw clamp terminals, $1 \times 0.22...2 \times 2.5 \text{ mm}^2$ without cable end EN/IEC 60947-1 |

## Complementary

|                                             |                                                                                                                                                                                                                                                                          |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum Height                              | 1.65 in (42 mm)                                                                                                                                                                                                                                                          |
| Maximum Width                               | 1.18 in (30 mm)                                                                                                                                                                                                                                                          |
| Maximum Depth                               | 2.05 in (52 mm)                                                                                                                                                                                                                                                          |
| Terminals description ISO n°1               | (21-22)NC<br>(13-14)NO                                                                                                                                                                                                                                                   |
| Resistance to high pressure washer          | 1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m                                                                                                                                                                                                                            |
| Contacts usage                              | Standard contacts                                                                                                                                                                                                                                                        |
| Positive opening                            | With EN/IEC 60947-5-1 appendix K                                                                                                                                                                                                                                         |
| Operating travel                            | 0.06 in (1.5 mm) NC changing electrical state)<br>0.10 in (2.6 mm) NO changing electrical state)<br>0.17 in (4.3 mm) total travel)                                                                                                                                       |
| Operating force                             | 3.5 N NC changing electrical state<br>3.8 N NO changing electrical state                                                                                                                                                                                                 |
| Mechanical durability                       | 10000000 cycles                                                                                                                                                                                                                                                          |
| Tightening torque                           | 7.08...10.62 lbf.in (0.8...1.2 N.m) EN 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 cartridge fuse gG EN/IEC 60947-5-1                                                                                                                                                                                                                                  |
| [Ith] conventional free air thermal current | 10 A EN/IEC 60947-5-1                                                                                                                                                                                                                                                    |
| [Ui] rated insulation voltage               | 600 V 3)EN/IEC 60947-1                                                                                                                                                                                                                                                   |
| [Uimp] rated impulse withstand voltage      | 6 kV EN/IEC 60947-1                                                                                                                                                                                                                                                      |
| [Ie] rated operational current              | 3 A 240 V, AC-15, A600 EN/IEC 60947-5-1<br>6 A 120 V, AC-15, A600 EN/IEC 60947-5-1<br>0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1<br>0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1<br>0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1<br>1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                        |                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electrical durability  | 1000000 Cycles AC-15, 2 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 Cycles AC-15, 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 Cycles AC-15, 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 Cycles DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 cycles DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C |
| Electrical reliability | $\Lambda < 10\exp(-6)$ 5 V 1 mA in clean environment EN/IEC 60947-5-4<br>$\Lambda < 10\exp(-8)$ 17 V 5 mA in clean environment EN/IEC 60947-5-4                                                                                                                                                                                                                                                      |
| Device presentation    | Complete product                                                                                                                                                                                                                                                                                                                                                                                     |
| Customizable           | Yes                                                                                                                                                                                                                                                                                                                                                                                                  |
| GCR BRIDGE             | XB5AACUST05                                                                                                                                                                                                                                                                                                                                                                                          |
| Compatibility code     | XB5                                                                                                                                                                                                                                                                                                                                                                                                  |

## Environment

|                                       |                                                                                                                                                                           |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective treatment                  | TH                                                                                                                                                                        |
| Ambient air temperature for storage   | -40...158 °F (-40...70 °C)                                                                                                                                                |
| Ambient air temperature for operation | -40...158 °F (-40...70 °C)                                                                                                                                                |
| Overvoltage category                  | Class II IEC 60536                                                                                                                                                        |
| IP degree of protection               | IP66 IEC 60529<br>IP67                                                                                                                                                    |
| NEMA degree of protection             | NEMA 13<br>NEMA 4X                                                                                                                                                        |
| IK degree of protection               | IK03 IEC 50102                                                                                                                                                            |
| Standards                             | EN/IEC 60947-5-1<br>EN/IEC 60947-1<br>CSA C22.2 No 14<br>UL 508<br>EN/IEC 60947-5-4<br>JIS C8201-5-1<br>JIS C8201-1                                                       |
| Product certifications                | UL Listed<br>GL<br>RINA<br>BV<br>DNV<br>LROS (Lloyds register of shipping)<br>CSA                                                                                         |
| Vibration resistance                  | 5 gn 2...500 Hz)IEC 60068-2-6<br>2 mm peak to peak 2...10 Hz)IEC 60068-2-6                                                                                                |
| Shock resistance                      | 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27<br>50 gn 11 ms) half sine wave acceleration IEC 60068-2-27<br>25 gn 6 ms) 1000 shocks on each axis IEC 60068-2-27 |

## Ordering and shipping details

|                     |                    |
|---------------------|--------------------|
| Package weight(Lbs) | 1.52 oz (43.000 g) |
|---------------------|--------------------|

## Packing Units

|                  |                    |
|------------------|--------------------|
| Package 1 Height | 3.39 in (8.600 cm) |
| Package 1 width  | 1.30 in (3.300 cm) |
| Package 1 Length | 2.05 in (5.200 cm) |

## Offer Sustainability

|                            |                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REACH free of SVHC         | Yes                                                                                                                                                                                  |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a> |
| Toxic heavy metal free     | Yes                                                                                                                                                                                  |
| Mercury free               | Yes                                                                                                                                                                                  |
| RoHS exemption information |  Yes                                                                                              |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>                                                           |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.                                                         |