

## XB4BW14B5

Illuminated push button, Harmony XB4, red flush, universal LED, 22mm, spring return, plain lens, screw clamp terminals, 1NO + 1NC, 110...120V



### Main

|                                 |                                                                                                                                                                                              |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of Product                | Harmony XB4                                                                                                                                                                                  |
| Product or Component Type       | Illuminated push-button                                                                                                                                                                      |
| 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                                                                                                                                                                                            |
| Head type                       | Standard                                                                                                                                                                                     |
| Shape of signaling unit head    | Round                                                                                                                                                                                        |
| Type of operator                | Spring return                                                                                                                                                                                |
| Operator profile                | Red flush                                                                                                                                                                                    |
| Operator additional information | With plain lens                                                                                                                                                                              |
| 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 |
| Light source                    | Universal LED                                                                                                                                                                                |
| Bulb base                       | BA 9s                                                                                                                                                                                        |
| Light block supply              | Via integral transformer 1.2 VA 6 V                                                                                                                                                          |
| [Us] rated supply voltage       | 110...120 V AC 50/60 Hz                                                                                                                                                                      |

### Complementary

|                                    |                                                                                                                                  |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Height                             | 1.85 in (47 mm)                                                                                                                  |
| Width                              | 1.18 in (30 mm)                                                                                                                  |
| Depth                              | 3.98 in (101 mm)                                                                                                                 |
| Terminals description ISO n°1      | (21-22)NC<br>(13-14)NO                                                                                                           |
| Net Weight                         | 0.37 lb(US) (0.169 kg)                                                                                                           |
| 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                                                                                      |
| 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                                                                                                                                  |
| 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                                                                                                                                                                                                                                                           |
| Signalling type                             | Steady                                                                                                                                                                                                                                                                                                                                                                                                    |
| Device presentation                         | Complete product                                                                                                                                                                                                                                                                                                                                                                                          |

## 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)                                                                                                              |
| Electrical shock protection class     | Class I IEC 60536                                                                                                                       |
| IP degree of protection               | IP66 IEC 60529<br>IP69 IEC 60529<br>IP69K IEC 60529                                                                                     |
| NEMA degree of protection             | NEMA 13<br>NEMA 4X                                                                                                                      |
| IK degree of protection               | IK05 IEC 50102                                                                                                                          |
| Standards                             | EN/IEC 60947-5-4<br>CSA C22.2 No 14<br>EN/IEC 60947-1<br>JIS C8201-5-1<br>EN/IEC 60947-5-1<br>UL 508<br>EN/IEC 60947-5-5<br>JIS C8201-1 |
| Product Certifications                | RINA<br>GL<br>LROS (Lloyds register of shipping)<br>UL Listed<br>BV<br>CSA<br>DNV                                                       |
| Vibration resistance                  | 5 gn 2...500 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                      |

## Ordering and shipping details

|                   |                                   |
|-------------------|-----------------------------------|
| Category          | 22468-PUSHBUTTONS,22MM(METAL) NEW |
| Discount Schedule | CS2                               |
| GTIN              | 3606485266671                     |
| Returnability     | Yes                               |
| Country of origin | FR                                |

## Packing Units

|                              |                   |
|------------------------------|-------------------|
| Unit Type of Package 1       | PCE               |
| Number of Units in Package 1 | 1                 |
| Package 1 Height             | 3.39 in (8.6 cm)  |
| Package 1 Width              | 1.30 in (3.3 cm)  |
| Package 1 Length             | 2.05 in (5.2 cm)  |
| Package 1 Weight             | 3.70 oz (105.0 g) |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                       |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>                                                                                                                                                                                              |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                                                                                                                                                                                      |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                         |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                               |
| Circularity Profile        | <a href="#">End Of Life Information</a>                                                                                                                                                                                                                                                     |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.                                                                                                                                                                |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|