

# XB5AA45

red flush complete pushbutton Ñ22 spring  
return 1NO+1NC unmarked

Product availability: Stock - Normally stocked in distribution facility



## Main

|                               |                                                                                                                                                                                  |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | Harmony XB5                                                                                                                                                                      |
| Product or component type     | Complete push-button                                                                                                                                                             |
| Device short name             | XB5                                                                                                                                                                              |
| Bezel material                | Plastic<br>Dark grey plastic                                                                                                                                                     |
| 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              | Red flush unmarked                                                                                                                                                               |
| Contacts type and composition | 1 NO + 1 NC                                                                                                                                                                      |
| Contact operation             | Slow-break                                                                                                                                                                       |
| Connections - terminals       | Screw clamp terminals: ≤ 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1<br>Screw clamp terminals: 1 x 0.22...2 x 2.5 mm² without cable end conforming to EN/IEC 60947-1 |

## Complementary

|                                             |                                                                                                                                                                                                                               |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Height                                      | 1.65 in (42 mm)                                                                                                                                                                                                               |
| Width                                       | 1.18 in (30 mm)                                                                                                                                                                                                               |
| Depth                                       | 2.05 in (52 mm)                                                                                                                                                                                                               |
| Terminals description ISO n°1               | (13-14)NO<br>(21-22)NC                                                                                                                                                                                                        |
| Resistance to high pressure washer          | 1015.26 psi (7000000 Pa) at 131 °F (55 °C), distance: 0.1 m                                                                                                                                                                   |
| Contacts usage                              | Standard contacts                                                                                                                                                                                                             |
| Positive opening                            | With positive opening conforming to EN/IEC 60947-5-1 appendix K                                                                                                                                                               |
| Operating travel                            | 0.06 in (1.5 mm) (NC changing electrical state)<br>0.1 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) conforming to EN 60947-1                                                                                                                                                                  |
| Shape of screw head                         | Cross head compatible with Philips no 1 screwdriver<br>Cross head compatible with pozidriv No 1 screwdriver<br>Slotted head compatible with flat Ø 4 mm screwdriver<br>Slotted head compatible with flat Ø 5.5 mm 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/IEC 60947-1                                                                                                                                                                   |
| [Uimp] rated impulse withstand voltage      | 6 kV conforming to EN/IEC 60947-1                                                                                                                                                                                             |

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [I <sub>e</sub> ] rated operational current | 3 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1<br>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, 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                      | $\Lambda < 10\exp(-6)$ at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-4<br>$\Lambda < 10\exp(-8)$ at 17 V, 5 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 | -40...158 °F (-40...70 °C)                                                                                                                                             |
| IP degree of protection               | IP69<br>IP67<br>IP66 conforming to IEC 60529<br>IP69K                                                                                                                  |
| NEMA degree of protection             | NEMA 13<br>NEMA 4X                                                                                                                                                     |
| IK degree of protection               | IK03 conforming to IEC 50102                                                                                                                                           |
| Standards                             | EN/IEC 60947-5-4<br>EN/IEC 60947-1<br>UL 508<br>CSA C22.2 No 14<br>JIS C 4520<br>EN/IEC 60947-5-1                                                                      |
| Product certifications                | RINA<br>BV<br>CSA<br>GL<br>DNV<br>UL listed<br>LROS (Lloyds register of shipping)                                                                                      |
| Vibration resistance                  | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6                                                                                                                      |
| Shock resistance                      | 30 gn (duration = 18 ms) half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27 |

## Ordering and shipping details

|                       |                                       |
|-----------------------|---------------------------------------|
| Category              | 22467 - PUSHBUTTONS,22MM(PLASTIC) NEW |
| Discount Schedule     | CS2                                   |
| GTIN                  | 00785901498179                        |
| Nbr. of units in pkg. | 1                                     |
| Package weight(Lbs)   | 0.10000000000000001                   |
| Returnability         | Y                                     |
| Country of origin     | FR                                    |

## Offer Sustainability

|                            |                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| California proposition 65  | WARNING: This product can expose you to chemicals including:                                                               |
| - - - - - Substance 1      | Nickel compounds, which is known to the State of California to cause cancer, and                                           |
| - - - - - Substance 2      | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| - - - - - More information | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              |

## Contractual warranty

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

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