

# XB6EAA21P

Monolithic push button, Harmony XB6E, round black pushbutton Ø 16, flush spring return, 1OC



## Main

|                               |                                                                                              |
|-------------------------------|----------------------------------------------------------------------------------------------|
| Range of Product              | Harmony XB6E                                                                                 |
| Product or Component Type     | Monolithic push-button                                                                       |
| Device short name             | XB6E                                                                                         |
| Bezel material                | Plastic                                                                                      |
| Mounting diameter             | 0.63 in (16 mm)                                                                              |
| Sale per indivisible quantity | 5                                                                                            |
| Shape of signaling unit head  | Round                                                                                        |
| Type of operator              | Spring return                                                                                |
| Operator profile              | Black flush                                                                                  |
| Contacts type and composition | 1 C/O                                                                                        |
| Contact operation             | Snap action                                                                                  |
| Connections - terminals       | Insulated faston 2.8 x 0.5 mm<br>Solder terminal <= 0.75 mm² AWG 19<br>Fast connector socket |
| Contacts material             | Gold-flashed silver                                                                          |

## Complementary

|                                             |                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Net Weight                                  | 0.01 lb(US) (0.006 kg)                                                                                                                                                                                                                                                                                        |
| Overvoltage category                        | II IEC 60536                                                                                                                                                                                                                                                                                                  |
| Operating position                          | Any position                                                                                                                                                                                                                                                                                                  |
| Marking                                     | CE                                                                                                                                                                                                                                                                                                            |
| Mechanical durability                       | 1000000 cycles                                                                                                                                                                                                                                                                                                |
| Tightening torque                           | 5.31...8.85 lbf.in (0.6...1 N.m)                                                                                                                                                                                                                                                                              |
| Contact resistance                          | 50 mOhm 1/6 V                                                                                                                                                                                                                                                                                                 |
| Short-circuit protection                    | 2 A cartridge fuse gG                                                                                                                                                                                                                                                                                         |
| [Ith] conventional free air thermal current | 3 A fast connector socket)<br>5 A                                                                                                                                                                                                                                                                             |
| [Ie] rated operational current              | 1.5 A 120 V, AC-12 EN/IEC 60947-5-1<br>1 A 240 V, AC-12 EN/IEC 60947-5-1<br>0.7 A 240 V, AC-13 EN/IEC 60947-5-1<br>1 A 120 V, AC-13 EN/IEC 60947-5-1<br>1 A 24 V, DC-12 EN/IEC 60947-5-1<br>0.7 A 24 V, DC-13 EN/IEC 60947-5-1<br>0.2 A 125 V, DC-12 EN/IEC 60947-5-1<br>0.15 A 125 V, DC-13 EN/IEC 60947-5-1 |
| Electrical durability                       | 100000 cycles, AC, 0.7 A 220 V EN/IEC 60947-5-1 appendix C                                                                                                                                                                                                                                                    |

The information provided in this documentation contains general descriptions and/or technical characteristics 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.

## Environment

|                                       |                                                                                      |
|---------------------------------------|--------------------------------------------------------------------------------------|
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C)                                                           |
| Ambient air temperature for operation | 14...131 °F (-10...55 °C)                                                            |
| IP degree of protection               | IP65 IEC 60529                                                                       |
| Standards                             | IEC 60947-5-1<br>CSA C22.2 No 14<br>JIS C 4520<br>UL 508<br>JIS C 852<br>IEC 60947-1 |
| Product Certifications                | CCC<br>cURus                                                                         |
| Vibration resistance                  | 1 mm 10...55 Hz)IEC 60068-2-6                                                        |
| Shock resistance                      | 10 gn 11 ms) half sine wave acceleration IEC 60068-2-27                              |

## Ordering and shipping details

|                       |                           |
|-----------------------|---------------------------|
| Category              | 22459 - PUSHBUTTONS, 16MM |
| Discount Schedule     | CS2                       |
| GTIN                  | 3389110624427             |
| Nbr. of units in pkg. | 1                         |
| Package weight(Lbs)   | 0.28 oz (8 g)             |
| Returnability         | Yes                       |
| Country of origin     | CN                        |

## Packing Units

|                              |                   |
|------------------------------|-------------------|
| Unit Type of Package 1       | PCE               |
| Package 1 Height             | 1.10 in (2.8 cm)  |
| Package 1 width              | 2.87 in (7.3 cm)  |
| Package 1 Length             | 7.28 in (18.5 cm) |
| Unit Type of Package 2       | BAG               |
| Number of Units in Package 2 | 5                 |
| Package 2 Weight             | 1.45 oz (41 g)    |
| Package 2 Height             | 1.10 in (2.8 cm)  |
| Package 2 width              | 2.87 in (7.3 cm)  |
| Package 2 Length             | 7.28 in (18.5 cm) |
| Unit Type of Package 3       | S01               |
| Number of Units in Package 3 | 50                |
| Package 3 Weight             | 22.40 oz (635 g)  |
| Package 3 Height             | 5.91 in (15 cm)   |
| Package 3 width              | 5.91 in (15 cm)   |
| Package 3 Length             | 15.75 in (40 cm)  |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                                                                                                  |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause 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>                                                                                                                                                                                                                                                  |
| 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 |  <a href="#">Yes</a>                                                                                                                                                                                                                                                                |

|                          |                                                                                                                                 |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| China RoHS Regulation    | <a href="#"> China RoHS Declaration</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

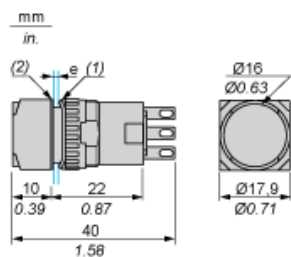
|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

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Pushbutton

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Circular Head



- (1) Anti-rotation plate (thickness: 0.6 mm / 0.02 in.)  
(2) Seal (thickness: 0.5 mm / 0.01 in.)  
e panel thickness: 0.5 mm (0.01 in.) ≤ e ≤ 6 mm (0.24 in.)

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## Panel Cut-Out and Mounting

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### Circular or Square Head

