

## XB6ECW4B1P

square red illuminated pushbutton Ø16-flush spring  
return-24 VDC polarised-1CO



### Main

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | Harmony XB6E                                                                                                                          |
| Product or component type     | Illuminated monolithic push-button                                                                                                    |
| Device short name             | XB6E                                                                                                                                  |
| Bezel material                | Plastic                                                                                                                               |
| Mounting diameter             | 16 mm                                                                                                                                 |
| Sale per indivisible quantity | 5                                                                                                                                     |
| Shape of signaling unit head  | Square                                                                                                                                |
| Type of operator              | Spring return                                                                                                                         |
| Operator profile              | Red flush                                                                                                                             |
| Contacts type and composition | 1 C/O                                                                                                                                 |
| Contact operation             | Snap action                                                                                                                           |
| Connections - terminals       | Fast connector socket<br>Solder terminal, clamping connection <= 0.75 mm <sup>2</sup> / AWG 19 min<br>Insulated faston : 2.8 x 0.5 mm |
| Contacts material             | Gold-flashed silver                                                                                                                   |
| Light source                  | Integral LED                                                                                                                          |
| [Us] rated supply voltage     | 24 V DC polarised                                                                                                                     |

### Complementary

|                                             |                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product weight                              | 0.006 kg                                                                                                                                                                                                                                                                                                                                |
| Operating position                          | Any position                                                                                                                                                                                                                                                                                                                            |
| Marking                                     | CE                                                                                                                                                                                                                                                                                                                                      |
| Mechanical durability                       | 1000000 cycles                                                                                                                                                                                                                                                                                                                          |
| Contact resistance                          | < 50 mOhm for 1/6 V                                                                                                                                                                                                                                                                                                                     |
| Short-circuit protection                    | 2 A by gG cartridge fuse                                                                                                                                                                                                                                                                                                                |
| [Ith] conventional free air thermal current | 5 A<br>3 A with fast connector socket                                                                                                                                                                                                                                                                                                   |
| [Ie] rated operational current              | 1.5 A at 120 V, AC-12 conforming to EN/IEC 60947-5-1<br>1 A at 240 V, AC-12 conforming to EN/IEC 60947-5-1<br>1 A at 24 V, DC-12 conforming to EN/IEC 60947-5-1<br>0.7 A at 24 V, DC-13 conforming to EN/IEC 60947-5-1<br>0.2 A at 125 V, DC-12 conforming to EN/IEC 60947-5-1<br>0.15 A at 125 V, DC-13 conforming to EN/IEC 60947-5-1 |
| Electrical durability                       | 100000 cycles AC, 0.7 A - 220 V conforming to EN/IEC 60947-5-1 appendix C                                                                                                                                                                                                                                                               |
| Signalling type                             | Steady                                                                                                                                                                                                                                                                                                                                  |
| Current consumption                         | 10 mA                                                                                                                                                                                                                                                                                                                                   |
| Service life                                | 30000 h                                                                                                                                                                                                                                                                                                                                 |

### Environment

|                                       |                                                                                      |
|---------------------------------------|--------------------------------------------------------------------------------------|
| ambient air temperature for storage   | -40...70 °C                                                                          |
| ambient air temperature for operation | -10...55 °C                                                                          |
| IP degree of protection               | IP65 conforming to IEC 60529                                                         |
| standards                             | IEC 60947-1<br>IEC 60947-5-1<br>JIS C 4520<br>JIS C 852<br>UL 508<br>CSA C22.2 No 14 |
| product certifications                | CCC<br>CURus                                                                         |

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.

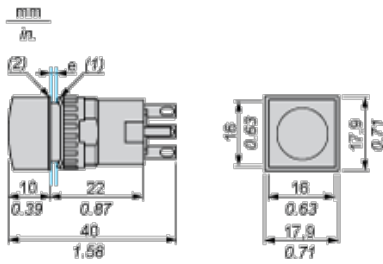
|                      |                                                                                       |
|----------------------|---------------------------------------------------------------------------------------|
| vibration resistance | 1 mm (10...55 Hz) conforming to IEC 60068-2-6                                         |
| shock resistance     | 10 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

### Contractual warranty

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

## Pushbutton

### Square 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.)

## Panel Cut-Out and Mounting

### Circular or Square Head

