

# ZBVM4

Light block for head Ø22, red, integral LED,  
230...240 V AC



## Main

|                               |                                                                                                                                                                            |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | Harmony XB4<br>Harmony XB5                                                                                                                                                 |
| Product or component type     | Light block                                                                                                                                                                |
| Device short name             | ZBV                                                                                                                                                                        |
| Sale per indivisible quantity | 5                                                                                                                                                                          |
| Connections - terminals       | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end EN 60947-1<br>Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end EN 60947-1 |
| Signalling type               | Steady                                                                                                                                                                     |
| Light source                  | Protected LED                                                                                                                                                              |
| Bulb base                     | Integral LED                                                                                                                                                               |
| Light block supply            | Direct                                                                                                                                                                     |
| Light source colour           | Red                                                                                                                                                                        |
| [Us] rated supply voltage     | 230...240 V AC 50/60 Hz                                                                                                                                                    |

## Complementary

|                             |                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------|
| Net Weight                  | 0.04 lb(US) (0.017 kg)                                                                    |
| 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 |
| Supply voltage limits       | 195...264 V AC                                                                            |
| Current consumption         | 14 mA                                                                                     |
| Service life                | 100000 h at rated voltage and 25 °C                                                       |
| Surge withstand             | 1 kV IEC 61000-4-5                                                                        |
| Mounting of block           | Front mounting                                                                            |
| Electrical composition code | M1<br>M2<br>M3<br>M4<br>M5<br>M6<br>M10<br>MF1<br>P1<br>P2<br>PF1                         |
| Device presentation         | Basic element                                                                             |

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## 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               | IP20 IEC 60529                                                                                                                          |
| Standards                             | JIS C8201-5-1<br>UL 508<br>EN/IEC 60947-5-4<br>EN/IEC 60947-5-5<br>CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>EN/IEC 60947-1<br>JIS C8201-1 |
| Product certifications                | UL Listed<br>CSA                                                                                                                        |
| Resistance to fast transients         | 2 kV IEC 61000-4-4                                                                                                                      |
| Resistance to electromagnetic fields  | 9.14 V/m (10 V/m) IEC 61000-4-3                                                                                                         |
| Resistance to electrostatic discharge | 6 kV on contact (on metal parts) IEC 61000-4-2<br>8 kV in free air (in insulating parts) IEC 61000-4-2                                  |
| Electromagnetic emission              | Class B IEC 55011                                                                                                                       |

## Ordering and shipping details

|                       |                                         |
|-----------------------|-----------------------------------------|
| Category              | 22469 - PUSHBUTTON,22MM ACCESSORIES-NEW |
| Discount Schedule     | CS2                                     |
| GTIN                  | 00785901355496                          |
| Nbr. of units in pkg. | 5                                       |
| Package weight(Lbs)   | 0.02 lb(US) (0.01 kg)                   |
| Returnability         | Yes                                     |
| Country of origin     | FR                                      |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Package 1 Height             | 0.39 in (1 cm)          |
| Package 1 width              | 1.38 in (3.5 cm)        |
| Package 1 Length             | 1.77 in (4.5 cm)        |
| Unit Type of Package 2       | BB1                     |
| Number of Units in Package 2 | 5                       |
| Package 2 Weight             | 1.85 oz (52.5 g)        |
| Package 2 Height             | 1.57 in (4 cm)          |
| Package 2 width              | 2.17 in (5.5 cm)        |
| Package 2 Length             | 2.17 in (5.5 cm)        |
| Unit Type of Package 3       | S03                     |
| Number of Units in Package 3 | 800                     |
| Package 3 Weight             | 19.48 lb(US) (8.837 kg) |
| Package 3 Height             | 11.81 in (30 cm)        |
| Package 3 width              | 11.81 in (30 cm)        |
| Package 3 Length             | 15.75 in (40 cm)        |

## Offer Sustainability

|                            |                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                |
| REACH free of SVHC         | Yes                                                                                                                                                                                  |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a> |
| 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.   |
| <b>Contractual warranty</b> |                                                                                                                                |
| Warranty                    | 18 months                                                                                                                      |