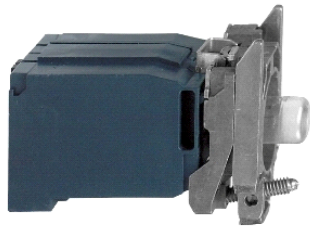


## ZB4BV33

light block with body/fixing collar with BA9s  
incandesc. bulb 110...120V



### Main

|                               |   |
|-------------------------------|---|
| Range of product              | Harmony XB4   |
| Product or component type     | Complete body/light block assembly                              |
| Device short name             | ZB4   |
| Fixing collar material        | Zamak   |
| Sale per indivisible quantity | 1   |
| Connections - terminals       | Faston connector (1 x 6.35 mm)<br>Faston connector (2 x 2.8 mm) |
| Light source                  | Incandescent  |
| 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

|  |   |
|--|---|
| CAD overall width                      | 30 mm   |
| CAD overall height                     | 47 mm   |
| CAD overall depth                      | 60 mm   |
| Terminals description ISO n°1          | (X1-X2)PL   |
| [Ui] rated insulation voltage          | 250 V (degree of pollution: 3) conforming to EN 60947-1 |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to EN 60947-1                           |
| Signalling type                        | Steady  |
| Mounting of block                      | Front mounting  |
| Electrical composition code            | P4<br>M9  |

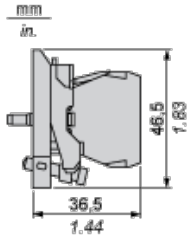
### Environment

|                                       |  |
|---------------------------------------|--|
| protective treatment                  | TH   |
| ambient air temperature for storage   | -40...70 °C  |
| ambient air temperature for operation | -40...55 °C  |
| electrical shock protection class     | Class I conforming to IEC 60536  |
| IP degree of protection               | IP20   |
| standards                             | EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-4<br>EN/IEC 60947-5-5<br>JIS C 4520<br>UL 508<br>CSA C22.2 No 14  |
| product certifications                | CSA<br>UL listed   |
| vibration resistance                  | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6  |
| shock resistance                      | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

### Contractual warranty

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

## Dimensions



## Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

| Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board   | Connection by Faston Connectors |
|---|---------------------------------|
|   |                                 |
| <p>(1) Diameter on finished panel or support</p> <p>(2) 40 mm min. / 1.57 in. min.</p> <p>(3) 30 mm min. / 1.18 in. min.</p> <p>(4) <math>\varnothing</math> 22.5 mm / 0.89 in. recommended (<math>\varnothing</math> 22.3 mm <math>^{+0.4}_0</math> / 0.88 in. <math>^{+0.016}_0</math>)</p> <p>(5) 45 mm min. / 1.78 in. min.</p> <p>(6) 32 mm min. / 1.26 in. min.</p> |                                 |