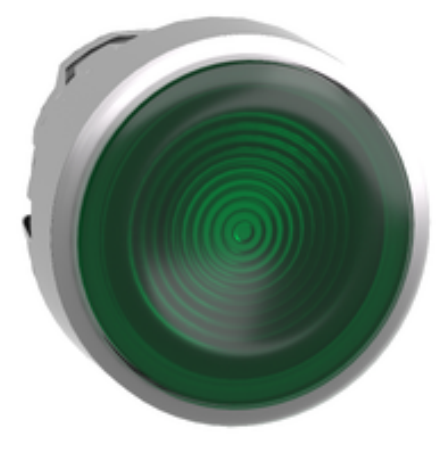
# Product data sheet
## Characteristics

# ZB4BW333S
## Head for illuminated push button, Harmony XB4, metal, green flush, 22mm, universal LED, spring return, grooved lens

Important message: A change in appearance may be noted on the product but does not affect its use in terms of function and safety. This makes it compatible with our Universal LED blocks



## Main

| | |
|---|---|
| Range of product | Harmony XB4 |
| Product or component type | Head for illuminated push-button |
| Device short name | ZB4 |
| Product compatibility | Universal LED |
| Bezel material | Chromium plated metal |
| Head type | Standard |
| Mounting diameter | 22.5 Mm |
| Sale per indivisible quantity | 1 |
| Shape of signaling unit head | Round |
| Type of operator | Spring return |
| Operator profile | Green flush, unmarked |
| Operator additional information | With grooved lens |
| Environmental characteristic | High ambient lighting environment |
| Cap/operator or lens colour | Green |

## Complementary

| | |
|---|---|
| CAD overall width | 29 Mm |
| CAD overall height | 29 Mm |
| CAD overall depth | 30 Mm |
| Net weight | 0.026 Kg |
| Resistance to high pressure washer | 7000000 Pa at 55 °C, distance : 0.1 m |
| Mechanical durability | 10000000 Cycles |
| Electrical composition code | M1 for <6 contacts using single blocks in front mounting with integral LED<br>M2 for <6 contacts using single and double blocks in front mounting with integral LED<br>M6 for <2 contacts using single blocks in front mounting with integral LED and transformer<br>M10 for <2 contacts using single blocks in front mounting with integral LED |
| Device presentation | Basic sub-assemblies |

## Environment

| | |
|---|---|
| Protective treatment | TH |
| Ambient air temperature for storage | -40…70 °C |
| Ambient air temperature for operation | -40…70 °C |
| Overvoltage category | Class I conforming to IEC 60536 |
| IP degree of protection | IP66 conforming to IEC 60529<br>IP67<br>IP69<br>IP69K |
| NEMA degree of protection | UL type 4X/13 |
| IK degree of protection | IK06 conforming to IEC 62262 |
| Standards | IEC 60947-5-5<br>CSA C22.2 No 14<br>IEC 60947-5-1<br>IEC 60947-5-4<br>IEC 60947-1<br>UL 508<br>JIS C8201-5-1<br>JIS C8201-1 |
| Product certifications | CSA[RETURN]LROS (Lloyds register of shipping)[RETURN]BV[RETURN]UL listed[RETURN]DNV |
| 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 |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 3.500 Cm |
| Package 1 Width | 4.600 Cm |
| Package 1 Length | 5.300 Cm |
| Package 1 Weight | 28.000 G |

## Offer Sustainability

| | |
|---|---|
| Total lifecycle Carbon footprint | 0.2 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.1956766082 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.2 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.0041589864 |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.0038224561 |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0 |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0 kg CO2 eq. |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| Sustainable packaging | Yes |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.0433155945 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0 kg CO2 eq. |
| Total lifecycle Carbon footprint | 1 |
| Average percentage of recycled plastic content | 37 % |
| Average percentage of recycled metal content | 21 % |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant |
| End of life manual availability | End Of Life Information |
| Take-back | No |

## Contractual warranty

| | |
|---|---|
| Warranty (in months) | 18 |

| | |
|---|---|
| Product Life Status : | Commercialised |