

Productinformatieblad

Specificaties



Harmony XB4, Dubbele verlichte drukknop, Groen verz./rood verhoogd, Ø22mm

ZB4BW7L3741

EAN Code: 3389119043779

Prijs: 24,35 EUR

Hoofd

| | |
|------------------------------------|-----------------------------------------------------|
| range of product | Harmony XB4 |
| product of component type | Kop voor verlichte drukknop met dubbele kop |
| compatibiliteit product | Integrale LED |
| device short name | ZB4 |
| kraag materiaal | Verchroomd metaal |
| koptype | Standaard |
| bevestigingsdiameter | 22 mm |
| verkoop per ondeelbare hoeveelheid | 1 |
| vorm van kop signaleringseenheid | Rechthoekig |
| type operator | terugverend |
| operator profiel | 1 standaard knop - 1 verhoogde knop - 1 signaallamp |
| operatorbeschrijving | Groen 'I' - rood 'O' |

Complementair

| | |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAD totale breedte | 30 mm |
| CAD totale hoogte | 50 mm |
| CAD totale diepte | 30 mm |
| gewicht product | 0,056 kg |
| weerstand hoge druk drukring | 7000000 Pa om 55 °C, afstand: 0.1 m |
| kleur van markering | Witte markering bij groene, rode of zwarte schildjes Zwarte markering bij witte schildjes |
| operator profiel | Groen verzonken, I (wit) Rood uitspringend, O (wit) |
| mechanical durability | 1000000 cycles |
| elektrische samenstellingscode | M1 voor <6 contacten gebruik enkelvoudig blokken in vooraan gemonteerd met integrale LED M2 voor <6 contacten gebruik enkelvoudig en dubbel blokken in vooraan gemonteerd met integrale LED M6 voor <2 contacten gebruik enkelvoudig blokken in vooraan gemonteerd met ingebouwde LED en transformator M10 voor <2 contacten gebruik enkelvoudig blokken in vooraan gemonteerd met integrale LED |
| product presentatie | Basis sub-eenheden |

Omgeving

De weergegeven prijs is de adviesprijs in euro excl. BTW. Deze kan onderhevig zijn aan korting. Neem contact op met uw lokale distributeur of detailhandel voor de daadwerkelijke prijs

| | |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| beschermende behandeling | TH |
| ambient air temperature for storage | -40...70 °C |
| omgevingstemperatuur voor werking | -40...70 °C |
| beschermingsklasse tegen elektrische schokken | Klasse I In overeenstemming met IEC 61140 |
| IP beschermingsgraad | IP66 In overeenstemming met IEC 60529 IP69K IP69 In overeenstemming met IEC 60529 |
| Enclosure Type | UL type 4X/13 |
| IK-beschermingsgraad | IK06 In overeenstemming met IEC 50102 |
| standards | IEC 60947-5-5 UL 508 CSA C22.2 Nr 14 IEC 60947-5-4 JIS C8201-5-1 IEC 60947-5-1 IEC 60947-1 JIS C8201-1 |
| product certifications | CSA LROS (Lloyds register of shipping) BV UL listed DNV |
| trilling bestendigheid | 5 gn (f= 2...500 Hz) In overeenstemming met IEC 60068-2-6 |
| schokbestendigheid | 30 gn (duur = 18 ms) voor halve sinusgolf versnelling In overeenstemming met IEC 60068-2-27 50 gn (duur = 11 ms) voor halve sinusgolf versnelling In overeenstemming met IEC 60068-2-27 |

Verpakkingseenheid

| | |
|---------------------------------|-----------|
| Eenheidstype van verpakking 1 | PCE |
| Aantal eenheden in verpakking 1 | 1 |
| verpakking 1 hoogte | 5,500 cm |
| verpakking 1 breedte | 3,300 cm |
| verpakking 1 lengte | 5,300 cm |
| verpakking_1_gewicht | 58,000 g |
| Eenheidstype van verpakking 2 | S03 |
| Aantal eenheden in verpakking 2 | 200 |
| verpakking 2 hoogte | 30,000 cm |
| verpakking 2 breedte | 30,000 cm |
| verpakking 2 lengte | 40,000 cm |
| verpakking 2 gewicht | 12,006 kg |

contractuele waarborg

| | |
|-----------------------|----|
| Garantie (in maanden) | 18 |
|-----------------------|----|

Schneider Electric wil tegen 2050 de Net Zero-status hebben bereikt via partnerschappen in de toeleveringsketen, materialen met een lagere impact en circulariteit via onze doorlopende campagne "Use Better, Use Longer, Use Again" om de levensduur van producten en de recycleerbaarheid te verlengen.

[Uitleg van Environmental Data >](#)

[Hoe evalueren we de duurzaamheid van producten? >](#)

Milieuvoetafdruk

| | |
|---------------------------------------------------------|----------------|
| Totale levenscyclus ecologische voetafdruk | 0.5 kg CO2 eq. |
| Koolstofvoetafdruk van de fabricagefase [A1–A3] | 0.4 kg CO2 eq. |
| Koolstofvoetafdruk van de distributiefase [A4] | 0 kg CO2 eq. |
| Koolstofvoetafdruk van de installatiefase [A5] | 0 kg CO2 eq. |
| Koolstofvoetafdruk van de gebruiksfase [B2, B3, B4, B6] | 0 kg CO2 eq. |
| Koolstofvoetafdruk van de einde-levensfase [C1–C4] | 0.1 kg CO2 eq. |

Use Better

Materialen en verpakking

| | |
|----------------------------------------------|----------------------------------------------------------------|
| Gemiddeld percentage gerecycleerde kunststof | 37 % |
| Gemiddeld percentage gerecycleerd metaal | 21 % |
| Pakket met gerecycleerd karton | Ja |
| Verpakkingen zonder kunststof | Ja |
| RoHS-richtlijn van de EU | Conform |
| REACH-verordening | Referentie bevat geen SVHC boven drempelwaarde |

Use Longer

Levensduurverlenging

| | |
|-----------|-----|
| Reparatie | Nee |
|-----------|-----|

Use Again

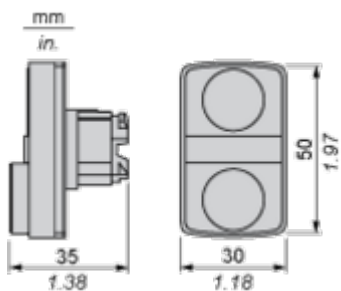
Herverpakken en herfabriceren

| | |
|-------------------|--------------------------------------------------|
| Circulair Profiel | Informatie over einde levensduur |
| Terugname | Ja |

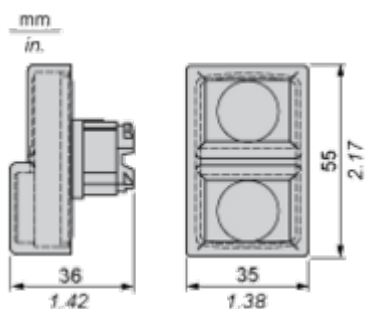
Dimensions Drawings

Dimensions

Without Boot

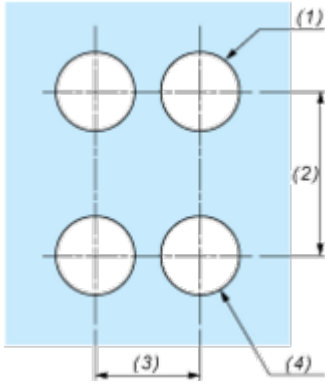
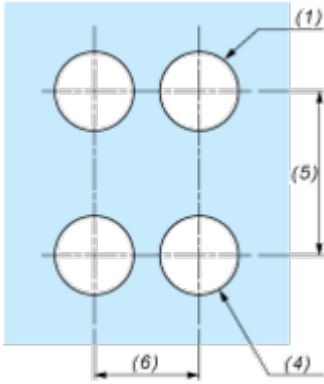


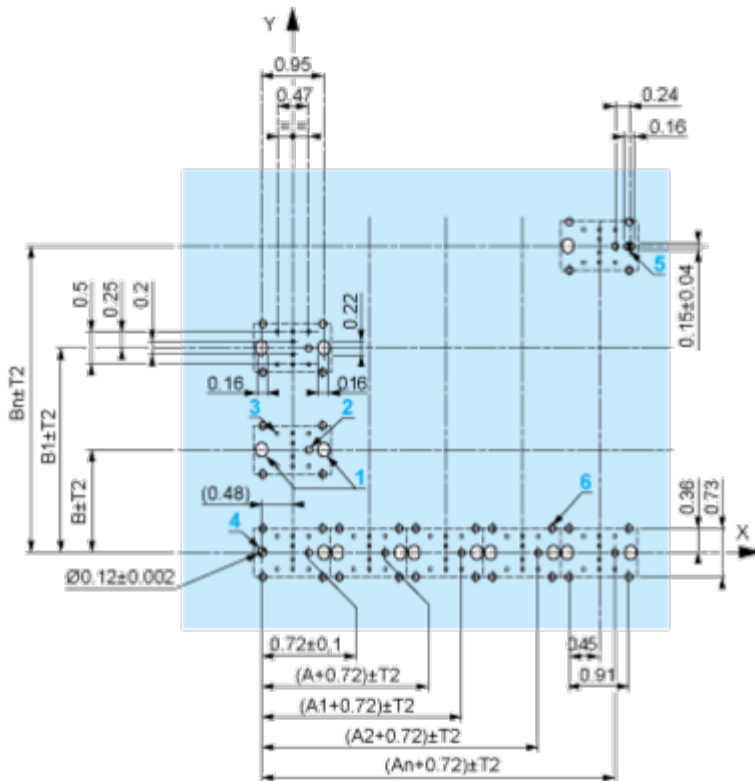
With Boot ZBA710



Mounting and Clearance

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 (2) 40 mm min. / 1.57 in. min. (3) 30 mm min. / 1.18 in. min. (4) $\varnothing 22.5 \text{ mm} / 0.89 \text{ in. recommended } (\varnothing 22.3 \text{ mm }_0^{+0.4} / 0.88 \text{ in. }_0^{+0.016})$ (5) 45 mm min. / 1.78 in. min. (6) 32 mm min. / 1.26 in. min.</p> | |



A: 1.18 in. min.

B: 1.57 in. min.

General Tolerances of the Panel and Printed Circuit Board

The cumulative tolerance must not exceed 0.3 mm / 0.012 in: T1 + T2 = 0.3 mm max.

Installation Precautions

- Minimum thickness of circuit board: 1.6 mm / 0.06 in.
- Cut-out diameter: 22.4 mm ± 0.1 / 0.88 in. ± 0.004
- Orientation of body/fixing collar ZB4 BZ009: ± 2° 30' (excluding cut-outs marked a and b).
- Tightening torque of screws ZBZ 006: 0.6 N.m (5.3 lbf.in) max.
- Allow for one ZB4 BZ079 fixing collar/pillar and its fixing screws:
 - every 90 mm / 3.54 in. horizontally (X), and 120 mm / 4.72 in. vertically (Y).
 - with each selector switch head (ZB4 BD*, ZB4 BJ*, ZB4 BG*).

The fixing centers marked a and b are diagonally opposed and must align with those marked 4 and 5.



(1) Panel

(2) Printed circuit board

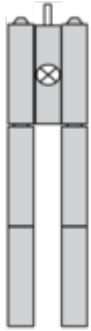
Mounting of Adapter (Socket) ZBZ 01•

- 1 2 elongated holes for ZBZ 006 screw access
- 2 1 hole $\varnothing 2.4 \text{ mm} \pm 0.05 / 0.09 \text{ in.} \pm 0.002$ for centring adapter ZBZ 01•
- 3 $8 \times \varnothing 1.2 \text{ mm} / 0.05 \text{ in.}$ holes
- 4 1 hole $\varnothing 2.9 \text{ mm} \pm 0.05 / 0.11 \text{ in.} \pm 0.002$, for aligning the printed circuit board (with cut-out marked a)
- 5 1 elongated hole for aligning the printed circuit board (with cut-out marked b)
- 6 4 holes $\varnothing 2.4 \text{ mm} / 0.09 \text{ in.}$ for clipping in adapter ZBZ 01•

Dimensions An + 18.1 relate to the $\varnothing 2.4 \text{ mm} \pm 0.05 / 0.09 \text{ in.} \pm 0.002$ holes for centring adapter ZBZ 01•.

Technical Description

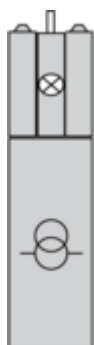
Electrical Composition Corresponding to Codes M1 and M7



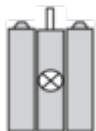
Electrical Composition Corresponding to Codes M2 and M8



Electrical Composition Corresponding to Codes M6 and P2



Electrical Composition Corresponding to Codes M5, M10, MF1, MR1 and MF2



Legend

Single contact



Double contact



Light block

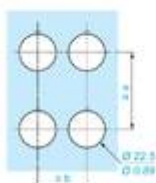
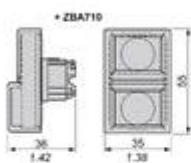
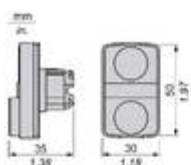


Possible location



Technical Illustration

Dimensions







| | | a (mm) | a (in.) | b (mm) | b (in.) |
|-------------|-------------|--------|---------|--------|---------|
| | | 40 | 1.57 | 30 | 1.18 |
| ZB4BW7L3741 | ZB4BW7L3741 | 45 | 1.77 | 32 | 1.26 |
| | | 40 | 1.57 | 30 | 1.18 |
| ZB4BW7L3741 | ZB4BW7L3741 | 50 | 1.97 | 30 | 1.18 |
| | | 40 | 1.57 | 30 | 1.18 |
| ZB4BW7L3741 | ZB4BW7L3741 | 40 | 1.57 | 30 | 1.18 |
| ZBRT | ZBRV1 | | | | |

Offer Marketing Illustration

Product benefits / Features

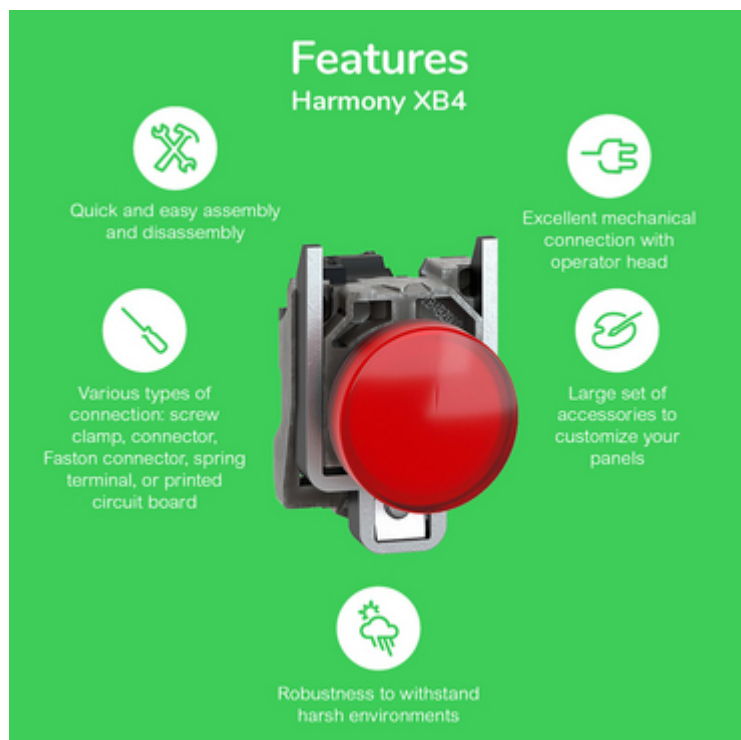
Features

Harmony XB4/XB5 Illuminated functions

-  NEW universal LED Block for all colors
-  Simple stock management
-  Improved installation time and easy selection
-  Improved color intensity and brightness






Offer Marketing Illustration

Product benefits / Features



The infographic features a central image of a red Schneider XB4 terminal block. Surrounding this central image are five circular icons, each with a corresponding text description of a feature. The background is a solid green color.

Features Harmony XB4

-  Quick and easy assembly and disassembly
-  Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board
-  Excellent mechanical connection with operator head
-  Large set of accessories to customize your panels
-  Robustness to withstand harsh environments

Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB4

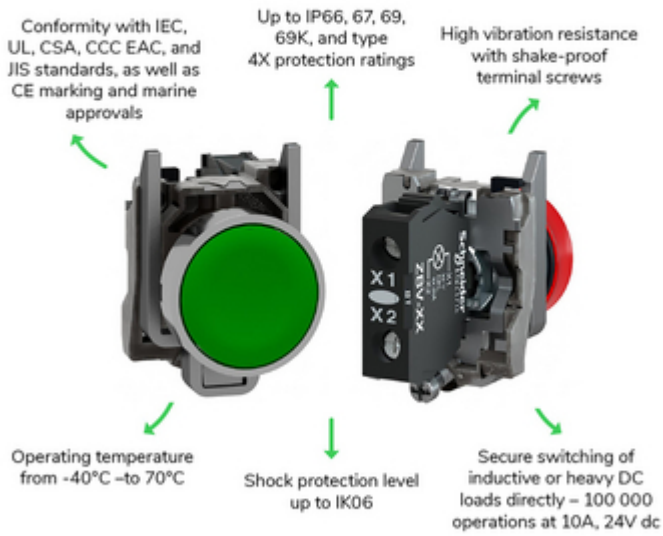


Image of product / Alternate images

Alternative



