

# Fișă tehnică produs

Specificatii



## Bloc Luminos Alb cu Inel pentru Corp/de Fixare, Led Integral 110, 120 V

ZB4BVG1

### Principale

gama de produse	Harmony XB4
Tip produs sau componenta	Ansamblu corp complet/bloc de lumini
nume scurt al dispozitivului	ZB4
material inel de fixare	Zamak
cantitate indivizibila de vanzare	1
conexiuni - borne	Borne cu surub, $\leq 2 \times 1.5 \text{ mm}^2$ cu pini Borne cu surub, $\geq 1 \times 0.22 \text{ mm}^2$ fara terminale de cablu
sursa de lumina	Universal LED
baza bec	LED integral
culoare sursa de lumina	Alb
[Us] tensiune de alimentare nominala	110...120 V c.a. la 50/60 Hz

### Suplimentare

CAD latime globala	30 mm
CAD inaltime globala	47 mm
CAD adancime globala	37 mm
descriere borne ISO nr. 1	(X1-X2)PL
greutate produs	0,054 kg
cuplu de strangere	0,8...1,2 N.m conformitate cu IEC 60947-1
forma a capului surubului	Cruce compatibil cu Philips nr. 1 surubelnita Cruce compatibil cu pozidriv No 1 surubelnita Perforat compatibil cu plat $\varnothing 4 \text{ mm}$ surubelnita Perforat compatibil cu plat $\varnothing 5.5 \text{ mm}$ surubelnita
[Ui] tensiune nominala de izolatie	600 V (grad de poluare 3) conformitate cu IEC 60947-1
[Uimp] tensiune de tinere la impuls	6 kV conformitate cu IEC 60947-1
tip semnalizare	Stabil
consum de curent	14 mA
durata de utilizare	100000 H la tensiunea nominală și 25 °C
incercare la supratensiuni tranzitorii	1 kV conformitate cu IEC 61000-4-5
prezentare dispozitiv	Basic sub-assemblies

### Mediu

tratament protector	TH
---------------------	----

<b>temperatura ambietala pentru depozitare</b>	-40...70 °C
<b>temperatura ambietala de functionare</b>	-40...70 °C
<b>clasa de protectie la electrocutare</b>	Clasa I conforming to IEC 60536
<b>standarde</b>	SR EN 60947-5-1 SR EN 60947-5-4 UL 60947-1 IEC 60947-5-5 IEC 60947-1 JIS C8201-5-1 CSA C22.2 No 15 JIS C8201-1
<b>certificari produs</b>	DNV listat de UL LROS (Lloyds register of shipping) BV CSA
<b>rezistenta la vibratii</b>	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
<b>rezistenta la socuri</b>	30 gn (durata = 18 ms) pentru half sine wave acceleration conformitate cu IEC 60068-2-27 50 gn (durata = 11 ms) pentru half sine wave acceleration conformitate cu IEC 60068-2-27
<b>rezistenta la tranzienti rapizi</b>	2 kV conformitate cu IEC 61000-4-4
<b>rezistenta la campuri electromagnetice</b>	10 V/m conformitate cu IEC 61000-4-3
<b>rezistenta la descarcari electrostatice</b>	6 kV pe contact (pe părțile metalice) conformitate cu IEC 61000-2-6 8 kV în aer liber (în părțile izolate) conformitate cu IEC 61000-2-6
<b>emisie electromagnetica</b>	Clasa B conformitate cu IEC 55011

## Unitati de ambalare

<b>Unitate de masura pentru prima forma de impachetare</b>	PCE
<b>Număr de produse în pachet</b>	1
<b>Inaltime prima forma de impachetare</b>	5,600 cm
<b>Latime prima forma de impachetare</b>	3,400 cm
<b>Lungime prima forma de impachetare</b>	5,400 cm
<b>Greutate colet(Lbs)</b>	52,000 g
<b>Unitate de masura pentru a doua forma de impachetare</b>	S03
<b>Numar unitati in a doua forma de impachetare</b>	200
<b>Inaltime a doua forma de impachetare</b>	30,000 cm
<b>Latime a doua forma de impachetare</b>	30,000 cm
<b>Lungime a doua forma de impachetare</b>	40,000 cm
<b>Greutate a doua forma de impachetare</b>	10,892 kg
<b>Unitate de masura pentru a treia forma de impachetare</b>	P06
<b>Numar unitati in a treia forma de impachetare</b>	1600
<b>Inaltime a treia forma de impachetare</b>	75,000 cm
<b>Latime a treia forma de impachetare</b>	60,000 cm
<b>Lungime a treia forma de impachetare</b>	80,000 cm

---

Greutate a treia forma de impachetare	100,500 kg
--	------------

## Garanție contractuală

---

Garantie (in luni)	18
--------------------	----

Schneider Electric isi propune sa atinga nivelul Net Zero pana in 2050 prin parteneriate la nivelul lantului de aprovizionare, materiale cu impact mai redus si circularitate, prin campania „Use Better, Use Longer, Use Again” pentru a extinde durata de viata a produselor si reciclabilitatea.

[Environmental Data explicate >](#)

[Cum evaluam sustenabilitatea produselor >](#)

### **Amprenta de mediu**

Amprenta de carbon totala pe durata de viata	66 kg CO2 eq.
Amprenta de carbon a fazei de fabricație [A1–A3]	0.4 kg CO2 eq.
Amprenta de carbon a fazei de distribuție [A4]	0 kg CO2 eq.
Amprenta de carbon a fazei de instalare [A5]	0 kg CO2 eq.
Amprenta de carbon a fazei de utilizare [B2, B3, B4, B6]	65 kg CO2 eq.
Amprenta de carbon a fazei de sfârșit de viață [C1–C4]	0.1 kg CO2 eq.

### **Use Better**

#### **Materiale si ambalare**

Procentul mediu de continut de plastic reciclat	44 %
Procentul mediu de continut de metal reciclat	20 %
Pachet cu carton reciclabil	Da
Ambalaj fara plastic	Da
Numar SCIP	E148b25a-d37b-4237-bc1f-74823046728d
Directiva RoHS a UE	<a href="#">Conform Prin Scutire</a>
Regulamentul REACH	<a href="#">Referinta contine SVHC peste prag</a>

### **Use Longer**

#### **Prelungire durata de viata**

Reparare	Nu
----------	----

### **Use Again**

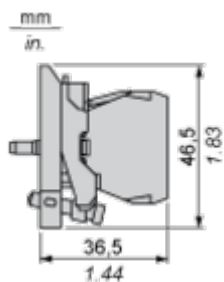
#### **Reambalare si refabricare**

Profil circularitate	<a href="#">Informatii privind sfarsitul duratei de viata</a>
Preluare la sfarsitul duratei de viata	Da
Eticheta WEEE	 În Uniunea Europeana, produsele trebuie reciclate respectand sistemul specific de colectare a deseurilor si nu trebuie sa ajunga in pubelele de colectare a deseurilor menajere.

Dimensions Drawings

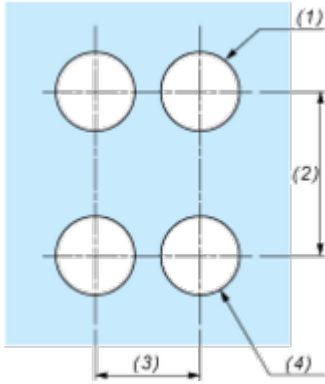
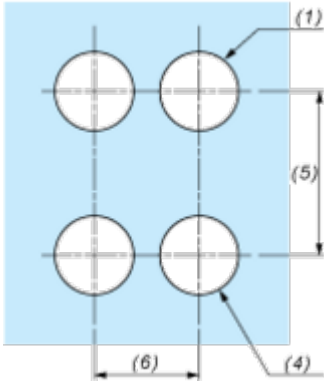
Dimensions

---



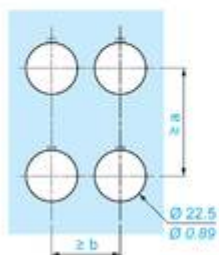
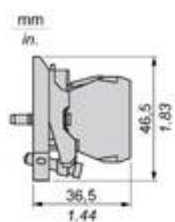
Mounting and Clearance

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) <math>\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})</math>                  (5) 45 mm min. / 1.78 in. min.                  (6) 32 mm min. / 1.26 in. min.</p>	

## Technical Illustration

## Dimensions



		a (mm)	a (in.)	b (mm)	b (in.)
		40	1.57	30	1.18
ZBE.....	ZBV.....				
		45	1.77	32	1.26
ZBE.....3	ZBV.....3				
		40	1.57	30	1.18
ZBE.....4	ZBV.....4				
		50	1.97	30	1.18
ZBE.....5	ZBV.....5				
		40	1.57	30	1.18
ZBE.....9	ZBV.....9				
		40	1.57	30	1.18
ZBRT●	ZBRV1				

Offer Marketing Illustration

Product benefits / Features

---

**Features**  
Harmony XB4/XB5 Illuminated functions

The infographic features four key benefits, each with a circular icon and a corresponding image of the product:

- NEW universal LED Block for all colors:** Represented by a square icon with a smaller square inside. The image shows a green illuminated button with a black LED block.
- Simple stock management:** Represented by an icon of a person with a checkmark. The image shows a black illuminated button with a red LED block.
- Improved installation time and easy selection:** Represented by a circular arrow icon. The image shows a yellow illuminated button with a black LED block.
- Improved color intensity and brightness:** Represented by a sun icon. The image shows a black illuminated button with a red LED block.

Offer Marketing Illustration

Product benefits / Features

---

## Technical Benefits

### Harmony XB4

Conformity with IEC, UL, CSA, CCC EAC, and JIS standards, as well as CE marking and marine approvals

Up to IP66, 67, 69, 69K, and type 4X protection ratings

High vibration resistance with shake-proof terminal screws



Operating temperature from -40°C to 70°C

Shock protection level up to IK06

Secure switching of inductive or heavy DC loads directly – 100 000 operations at 10A, 24V dc

Offer Marketing Illustration

Product benefits / Features

---

**Features**  
Harmony XB4

Quick and easy assembly and disassembly

Excellent mechanical connection with operator head

Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board

Large set of accessories to customize your panels

Robustness to withstand harsh environments

Image of product / Alternate images

Alternative

---

