

Fișă tehnică produs

Specificatii



Lampa pilot complet alba Ø22 lentile netede cu LED integral 230, 240V

XB5AVM1

Principale

| | |
|---|------------------------------|
| gama de produse | Harmony XB5 |
| Tip produs sau componenta | Lampa pilot |
| nume scurt al dispozitivului | XB5 |
| material rama | Plastic gri inchis |
| material inel de fixare | Plastic |
| tip cap | Standard |
| diametrul de montaj | 22,5 mm |
| cantitate indivizibila de vanzare | 1 |
| forma a capului unitatii de semnalizare | Rotund |
| capac/operator sau culoare lentila | Alb |
| informatii suplimentare operator | Cu lentila simpla |
| sursa de lumina | Universal LED |
| baza bec | LED integral |
| culoare sursa de lumina | Alb |
| [Us] tensiune de alimentare nominala | 230...240 V c.a. la 50/60 Hz |
| prezentare dispozitiv | Produs complet |

Suplimentare

| | |
|--|--|
| inaltime | 42 mm |
| latime | 30 mm |
| adancime | 54 mm |
| descriere borne ISO nr. 1 | (X1-X2)PL |
| greutate produs | 0,038 kg |
| rezistenta la spalare cu presiune inalta | 7000000 Pa la 55 °C, distanta : 0.1 m |
| conexiuni - borne | Borne cu surub, <= 2 x 1.5 mm ² cu pini conformitate cu IEC 60947-1 Borne cu surub, 1 x 0.22...2 x 2.5 mm ² fara terminale de cablu conformitate cu IEC 60947-1 |
| [Ui] tensiune nominala de izolatie | 250 V (grad de poluare 3) conformitate cu IEC 60947-1 |
| [Uimp] tensiune de tinere la impuls | 4 kV conformitate cu IEC 60947-1 |
| tip semnalizare | Stabil |
| GCR BRIDGE | XB5AVCUST05 |
| Cod compatibilitate | XB5 |

| | |
|--|---|
| limitele tensiunii de alimentare | 195...264 V c.a. |
| 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 |

Mediu

| | |
|---|--|
| tratament protector | TH |
| temperatura ambietala pentru depozitare | -40...70 °C |
| temperatura ambientala de functionare | -40...70 °C |
| categorii de supratensiune | Clasa II conforming to IEC 60536 |
| grad de protectie IP | IP66 conformitate cu SR EN 60529 IP67 conformitate cu SR EN 60529 IP69 conformitate cu SR EN 60529 IP69K conformitate cu ISO 20653 |
| Enclosure Type | UL type 4X/13 |
| grad de protectie IK | IK05 conformitate cu IEC 50102 |
| Standarde | SR EN 60947-5-4 CSA C22.2 No 15 JIS C8201-5-1 SR EN 60947-5-1 IEC 60947-1 UL 60947-1 JIS C8201-1 |
| certificari produs | CSA listat de UL |
| rezistenta la vibratii | 5 gn (f= 12...500 Hz) conforming to IEC 60068-2-6 |
| rezistenta la socuri | 50 gn (durata = 18 ms) pentru half sine wave acceleration conformitate cu IEC 60068-2-27 30 gn (durata = 11 ms) pentru half sine wave acceleration conformitate cu IEC 60068-2-27 |
| rezistenta la tranzienti rapizi | 2 kV conformitate cu IEC 61000-4-4 |
| rezistenta la campuri electromagnetice | 10 V/m conformitate cu IEC 61000-4-3 |
| compatibilitate electromagnetica | Descărcare electrostatică - nivel de testare:6 kV (pe contact (pe părțile metalice)) conforming to IEC 61000-4-2 Descărcare electrostatică - nivel de testare:9 kV (în aer liber (în părțile izolate)) conforming to IEC 61000-4-2 Emisii electromagnetice clasa B conforming to IEC 55011 |
| rezistenta la descarcari electrostatice | 6 kV pe contact (pe părțile metalice) conformitate cu IEC 61000-4-2 8 kV în aer liber (în părțile izolate) conformitate cu IEC 61000-4-2 |
| emisie electromagnetica | Clasa B conformitate cu IEC 55011 |

Unitati de ambalare

| | |
|--|----------|
| Unitate de masura pentru prima forma de impachetare | PCE |
| Număr de produse în pachet | 1 |
| Inaltime prima forma de impachetare | 3,500 cm |
| Latime prima forma de impachetare | 5,500 cm |
| Lungime prima forma de impachetare | 8,500 cm |
| Greutate colet(Lbs) | 35,700 g |
| Unitate de masura pentru a doua forma de impachetare | S03 |

| | |
|---|-----------|
| Numar unitati in a doua forma de impachetare | 150 |
| Inaltime a doua forma de impachetare | 30,000 cm |
| Latime a doua forma de impachetare | 30,000 cm |
| Lungime a doua forma de impachetare | 40,000 cm |
| Greutate a doua forma de impachetare | 5,817 kg |
| Unitate de masura pentru a treia forma de impachetare | P06 |
| Numar unitati in a treia forma de impachetare | 1200 |
| Inaltime a treia forma de impachetare | 75,000 cm |
| Latime a treia forma de impachetare | 80,000 cm |
| Lungime a treia forma de impachetare | 60,000 cm |
| Greutate a treia forma de impachetare | 54,536 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 | 137 kg CO2 eq. |
| Amprenta de carbon a fazei de fabricație [A1–A3] | 0.3 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] | 136 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 | 21 % |
| Procentul mediu de continut de metal reciclat | 7 % |
| Pachet cu carton reciclabil | Da |
| Ambalaj fara plastic | Da |
| Numar SCIP | 3d14fd98-3859-4733-a5ee-a3016769973c |
| Directiva RoHS a UE | Conform Prin Scutire |
| Regulamentul REACH | Referinta contine SVHC peste prag |

Use Longer

Prelungire durata de viata

| | |
|-----------------------|-------------------|
| Reparare | Nu |
| Index reparare produs | A |

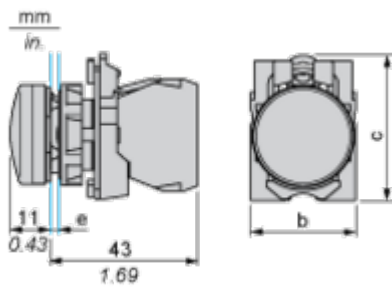
Use Again

Reambalare si refabricare

| | |
|--|--|
| Potentialul de reciclabilitate, in % | 22 |
| Profil circularitate | Informatii privind sfarsitul duratei de viata |
| 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



e: clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

b: 30 mm / 1.18 in.

c: 41.5 mm / 1.63 in.

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



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) Ø22.5 mm recommended ($\text{Ø}22.3 \text{ }_0^{+0.4}$) / Ø0.89 in. recommended ($\text{Ø}0.88 \text{ in. }_0^{+0.016}$)

| Connections | a in mm | a in in. | b in mm | b in in. |
|---|---------|----------|---------|----------|
| By screw clamp terminals or plug-in connector | 40 | 1.57 | 30 | 1.18 |
| By Faston connectors | 45 | 1.77 | 32 | 1.26 |
| On printed circuit board | 30 | 1.18 | 30 | 1.18 |

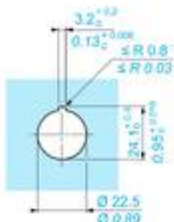
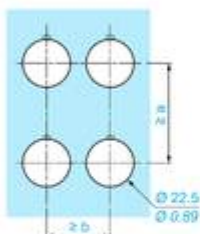
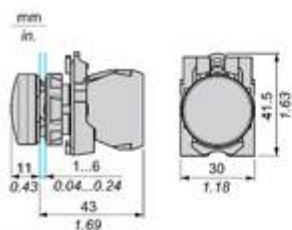
Detail of Lug Recess



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) Ø22.5 mm recommended ($\text{Ø}22.3 \text{ }_0^{+0.4}$) / Ø0.89 in. recommended ($\text{Ø}0.88 \text{ in. }_0^{+0.016}$)

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.....8 | ZBV.....8 | | | | |
| | | 40 | 1.57 | 30 | 1.18 |
| ZBRT• | ZBRV1 | | | | |





Offer Marketing Illustration

Product benefits / Features

The graphic features a green background with the title "Features" and subtitle "Harmony XB4/XB5 Illuminated functions". It contains four feature descriptions, each with an icon and a product image: 1. "NEW universal LED Block for all colors" with a square icon and a green button image. 2. "Simple stock management" with a person icon and a black button image. 3. "Improved installation time and easy selection" with a circular arrow icon and a yellow button image. 4. "Improved color intensity and brightness" with a sun icon and a red button image.

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

Features
Harmony XB5

-  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

Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB5

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

Image of product / Alternate images

Alternative







Image of product in real life situation

