

Product data sheet

Specifications



Pilot light, Harmony XB5, green, plastic, 22mm, universal LED, plain lens, 400V

XB5AV5B3

Main

Range of product	Harmony XB5
Product or component type	Pilot light
Device short name	XB5
Bezel material	Dark grey plastic
Fixing collar material	Plastic
Head type	Standard
Mounting diameter	0.9 in (22.5 mm)
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Cap/operator or lens colour	Green
Operator additional information	With plain lens
Light source	Universal LED
Bulb base	Integral LED
Light source colour	Green
[Us] rated supply voltage	400 V AC 50 Hz
Device presentation	Complete product

Complementary

CAD overall width	1.6 in (40 mm)
CAD overall height	1.8 in (45 mm)
CAD overall depth	4.0 in (101 mm)
Product weight	0.293 lb(US) (0.133 kg)
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end IEC 60947-1
[Ui] rated insulation voltage	600 V 3)IEC 60947-1
Signalling type	Steady
Supply voltage limits	407...423 V AC
Service life	100000 h at rated voltage and 25 °C
Surge withstand	1 kV IEC 61000-4-5

Environment

Protective treatment	TH
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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-40...158 °F (-40...70 °C)
Electrical shock protection class	Class II conforming to IEC 60536
IP degree of protection	IP66 IEC 60529 IP67 IEC 60529 IP69 IEC 60529 IP69K ISO 20653
Enclosure Type	UL type 4X/13
IK degree of protection	IK05 conforming to IEC 50102
Standards	CSA C22.2 No 14 UL 508 IEC 60947-5-4 IEC 60947-1 JIS C8201-5-1 IEC 60947-5-1 JIS C8201-1
Product certifications	UL listed CSA
Vibration resistance	2 gn (f= 12...500 Hz) conforming to IEC 60068-2-6
Shock resistance	15 gn 11 ms) half sine wave acceleration IEC 60068-2-27
Resistance to fast transients	2 kV IEC 61000-4-4
Resistance to electromagnetic fields	9.1 V/yd (10 V/m) IEC 61000-4-3
Resistance to electrostatic discharge	6 kV on contact (on metal parts) IEC 61000-4-2 8 kV in free air (in insulating parts) IEC 61000-4-2
Electromagnetic emission	Class B IEC 55011

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.685 in (11.900 cm)
Package 1 Width	2.047 in (5.200 cm)
Package 1 Length	1.732 in (4.400 cm)
Package 1 Weight	4.691 oz (133.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	50
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	15.664 lb(US) (7.105 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	15 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	14 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.

Use Better



Materials and Substances

Average percentage of recycled plastic content	21 %
Average percentage of recycled metal content	7 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	3d14fd98-3859-4733-a5ee-a3016769973c
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
Product reparability index	A

Use Again

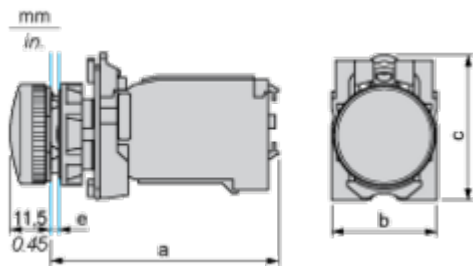


Repack and remanufacture

Recyclability potential, in %	22
Circularity Profile	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions



- e: clamping thickness: 1 mm to 6 mm / 0.04 in. to 0.24 in.
- a: 89.6 mm / 3.53 in.
- b: 40 mm / 1.57 in.
- c: 45 mm / 1.77 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 ($\text{Ø}22.3 \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix}$) / Ø0.89 in. recommended ($\text{Ø}0.88 \text{ in. } \begin{smallmatrix} +0.016 \\ 0 \end{smallmatrix}$)

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

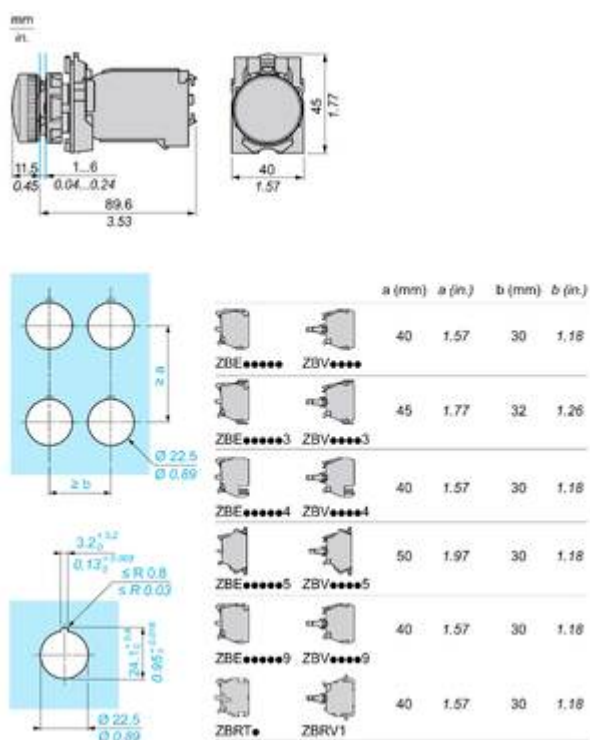
Detail of Lug Recess



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Technical Illustration

Dimensions



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



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Offer Marketing Illustration

Product benefits / Features

Caractéristiques

Harmony XB4/XB5 Bloc lumineux



Nouveau bloc LED universel pour toutes les couleurs



Gestion simplifiée des stocks



Temps d'installation plus rapide et sélection facilitée



Amélioration de l'intensité et de la luminosité des couleurs



Offer Marketing Illustration

Product benefits / Features

Bouton poussoir en plastique

Harmony XB5



Montage et démontage rapides et faciles



Excellente connexion mécanique avec la tête de commande



Différents types de connexions : borniers à vis-étrier, Push-in, connecteur Faston & broches pour circuit imprimé



Robustesse pour résister aux environnements difficiles



Large choix d'accessoires pour personnaliser vos panneaux



Offer Marketing Illustration

Product benefits / Features

Caractéristiques techniques

Harmony XB5



Image of product / Alternate images

Alternative



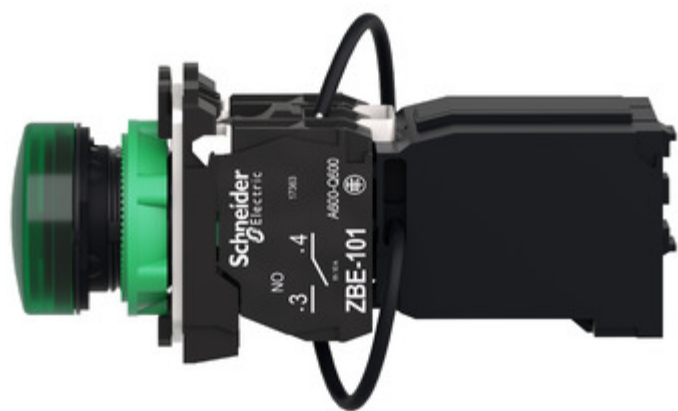




Image of product in real life situation

