Product datasheet

Specifications

pilot light, Harmony XB5, grey plastic, orange, 22mm, universal LED, plain lens, 110…120V AC

Local distributor code:

237158107 XB5AVG5

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

EAN Code: 3389110903836

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	22.5 mm
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Cap/operator or lens colour	Orange
Operator additional information	With plain lens
Light source	Universal LED
Bulb base	Integral LED
Light source colour	Orange
[Us] rated supply voltage	110...120 V AC at 50/60 Hz
Device presentation	Complete product

Complementary

Height	42 mm
Width	30 mm
Depth	54 mm
Terminals description ISO n°1	(X1-X2)PL
Net weight	0.038 kg
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 0.22...2 x 2.5 mm² without cable end conforming to IEC 60947-1
[Ui] rated insulation voltage	250 V (pollution degree 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60947-1
Signalling type	Steady
GCR BRIDGE	XB5AVCUST04

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

Compatibility code	XB5
Supply voltage limits	100…132 V AC
Current consumption	14 mA
Service life	100000 h at rated voltage and 25 °C
Surge withstand	1 kV conforming to IEC 61000-4-5

Environment

Protective treatment	TH
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-40…70 °C
Overvoltage category	Class II conforming to IEC 60536
IP degree of protection	IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 IP69 conforming to IEC 60529 IP69K conforming to ISO 20653
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK05 conforming to IEC 50102
Standards	CSA C22.2 No 14 UL 508 IEC 60947-5-1 JIS C8201-5-1 IEC 60947-1 IEC 60947-5-4 JIS C8201-1
Product certifications	CSA UL listed
Vibration resistance	5 gn (f= 12…500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 30 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
Resistance to fast transients	2 kV conforming to IEC 61000-4-4
Resistance to electromagnetic fields	10 V/m conforming to IEC 61000-4-3
Electromagnetic compatibility	Electrostatic discharge - test level: 6 kV (on contact (on metal parts)) conforming to IEC 61000-4-2 Electrostatic discharge - test level: 8 kV (in free air (in insulating parts)) conforming to IEC 61000-4-2 Electromagnetic emission class B conforming to IEC 55011
Resistance to electrostatic discharge	6 kV on contact (on metal parts) conforming to IEC 61000-4-2 8 kV in free air (in insulating parts) conforming to IEC 61000-4-2
Electromagnetic emission	Class B conforming to IEC 55011

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.600 cm
Package 1 Width	5.300 cm
Package 1 Length	9.000 cm
Package 1 Weight	36.000 g

Unit Type of Package 2	S03
Number of Units in Package 2	100
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.005 kg
Unit Type of Package 3	P06
Number of Units in Package 3	800
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	42.204 kg

Logistical informations

Country of origin	FR

Contractual warranty

Warranty	18 months

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	1
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	3d14fd98-3859-4733-a5ee-a3016769973c
REACh Regulation	REACh Declaration

Use Longer

Lifetime extension

Product repair index	A

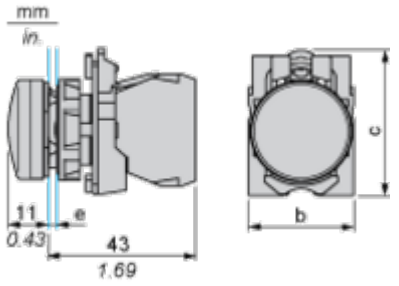
Use Again

Repack and remanufacture

Recyclability potential, in %	22
End of life manual availability	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

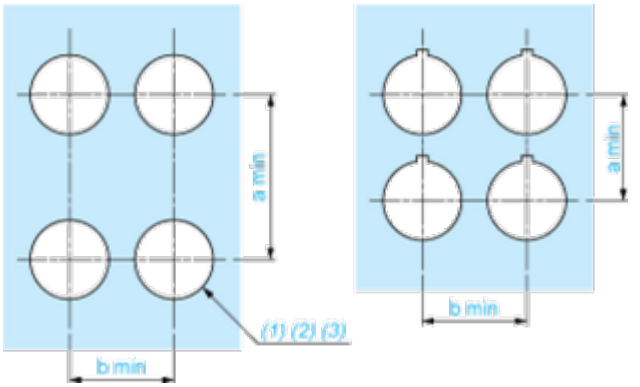


e: clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.
b: 30 mm / 1.18 in.
c: 41.5 mm / 1.63 in.

Mounting and Clearance

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

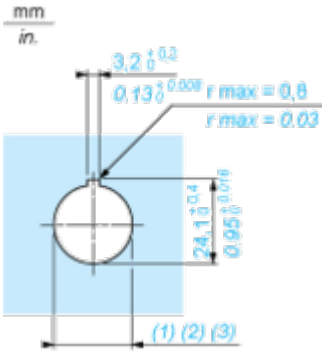
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



(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 (Ø22.3 $_{0}^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 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

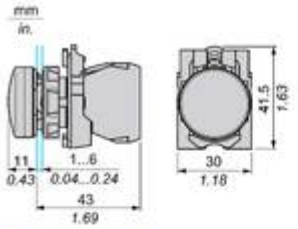
Detail of Lug Recess

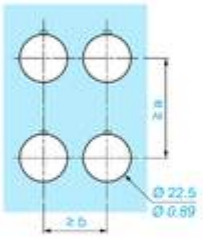


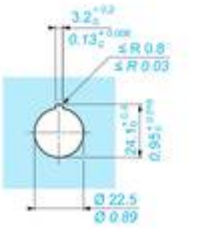
(1) Diameter on finished panel or support
(2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
(3) Ø22.5 mm recommended (Ø22.3 $_{0}^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 in. $_{0}^{+0.016}$)

Technical Illustration

Dimensions



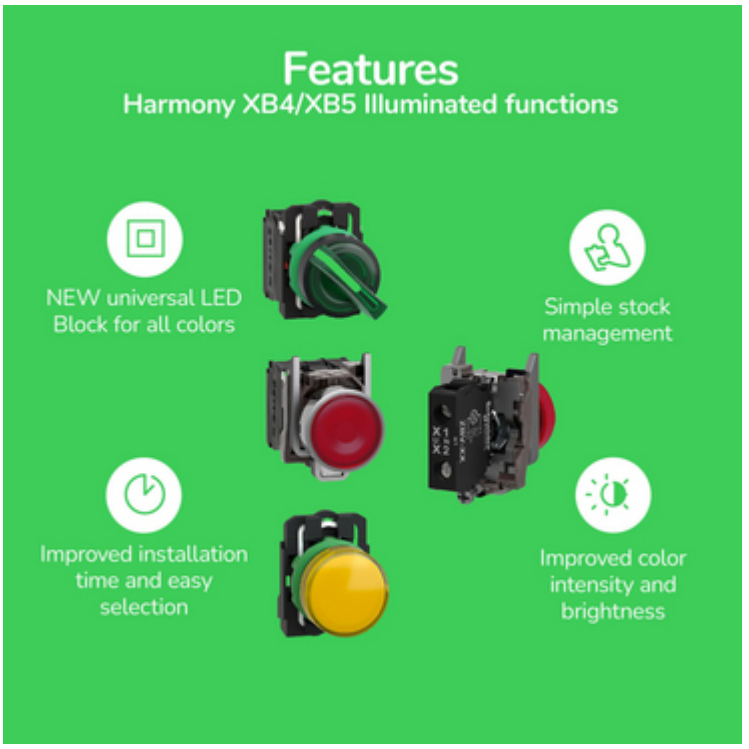




		a (mm)	a (in.)	b (mm)	b (in.)
ZBE●●●●●	ZBV●●●●	40	1.57	30	1.18
ZBE●●●●●3	ZBV●●●●3	45	1.77	32	1.26
ZBE●●●●●4	ZBV●●●●4	40	1.57	30	1.18
ZBE●●●●●5	ZBV●●●●5	50	1.97	30	1.18
ZBE●●●●●9	ZBV●●●●9	40	1.57	30	1.18
ZBRT●	ZBRV1	40	1.57	30	1.18

Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

Offer Marketing Illustration

Product benefits / Features

Image of product / Alternate images

Alternative

Image of product in real life situation