XB5AVB6

pilot light, Harmony XB5, grey plastic, blue, 22mm, universal LED, plain lens, 24V AC DC





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	Blue
Operator additional information	With plain lens
Light source	Universal LED
Bulb base	Integral LED
Light source colour	Blue
[Us] rated supply voltage	24 V AC/DC at 50/60 Hz
Device presentation	Complete product

Complementary

Complementary	40			
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 0.222 x 2.5 mm $^{\rm 2}$ 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	XB5AVCUST03			
Compatibility code	XB5			
Supply voltage limits	19.230 V DC			
	21.626.4 V AC			
Current consumption	18 mA			
Service life	100000 h at rated voltage and 25 °C			
Surge withstand	1 kV conforming to IEC 61000-4-5			

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherent for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the dourn and restring of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Protective treatment	TH				
Ambient air temperature for storage	-4070 °C				
Ambient air temperature for operation	-4070 °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	JIS C8201-5-1 IEC 60947-1 UL 508 CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-5-4 JIS C8201-1				
Product certifications	CSA[RETURN]UL listed				
Vibration resistance	5 gn (f= 12500 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

Packing Units	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.800 cm
Package 1 Width	3.400 cm
Package 1 Length	5.400 cm
Package 1 Weight	34.800 g
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	8.800 cm
Package 2 Width	3.400 cm
Package 2 Length	26.500 cm
Package 2 Weight	174.000 g
Unit Type of Package 3	S03
Number of Units in Package 3	150
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	5.800 kg

Offer Sustainability

Sustainable offer status	Green Premium product			
REACh Regulation	REACh Declaration			
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)			
Mercury free	Yes			
China RoHS Regulation	☐ China RoHS Declaration			
RoHS exemption information	€Yes			
Environmental Disclosure	Product Environmental Profile			
Circularity Profile	End Of Life Information			
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins			

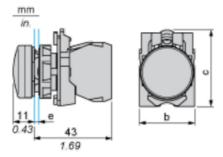
Contractual warranty

Warranty	18 months

Product data sheet Dimensions Drawings

XB5AVB6

Dimensions



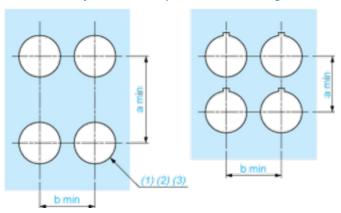
e: clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

b: 30 mm / 1.18 in.

c: 41.5 mm / 1.63 in.

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

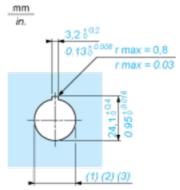
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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. $_0$ $^{+0.016}$)