

Product datasheet

Characteristics

XB5AV5B3

green complete pilot light Ø22 plain lens with integral LED 400V



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 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	Protected LED
Bulb base	Integral LED
Light source colour	Green
[Us] rated supply voltage	400 V AC at 50 Hz
Device presentation	Complete product

Complementary

CAD overall width	40 mm
CAD overall height	45 mm
CAD overall depth	101 mm
Net weight	0.133 kg
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm ² with cable end conforming to EN/IEC 60947-1
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to EN/IEC 60947-1
Signalling type	Steady

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

Supply voltage limits	407...423 V AC
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
Electrical shock protection class	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 EN/IEC 60947-5-4 EN/IEC 60947-1 JIS C8201-5-1 EN/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 (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
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 Weight	131 g
Package 1 Height	5.3 cm
Package 1 width	4.4 cm
Package 1 Length	12.8 cm

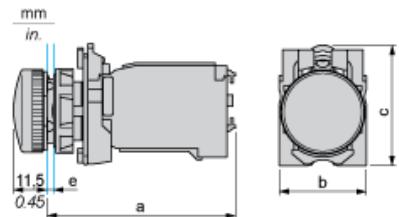
Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
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
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Dimensions



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

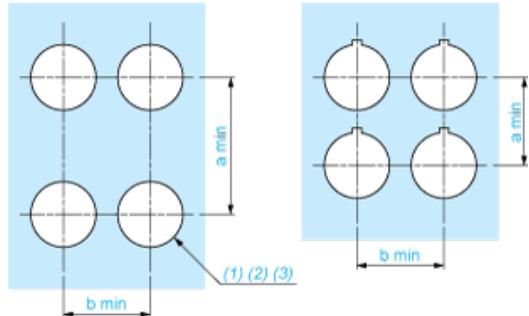
a: 89.6 mm / 3.53 in.

b: 40 mm / 1.57 in.

c: 45 mm / 1.77 in.

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



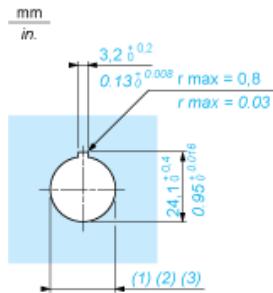
(1) Diameter on finished panel or support

(2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.

(3) Ø22.5 mm recommended ($\varnothing 22.3 \text{ mm}^{+0.4}$) / Ø0.89 in. recommended ($\varnothing 0.88 \text{ in.}^{+0.016}$)

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



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