XB5AVM1

white complete pilot light Ø22 plain lens with integral LED 230...240V



Main

Commercial Status	Commercialised
Range of product	Harmony XB5
Product or component type	Complete pilot light
Device short name	XB5
Bezel material	Plastic
Fixing collar material	Plastic
Mounting diameter	22 mm
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Cap/Operator or lens colour	White
Operator additional information	With plain lens
Light source	Protected LED
Bulb base	Integral LED
Light source colour	White
[Us] rated supply voltage	230240 V AC, 50/60 Hz

Complementary

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Height	42 mm			
Width	30 mm			
Depth	54 mm			
Terminals description ISO n°1	(X1-X2)PL			
Product weight	0.038 kg			
Resistance to high pressure washer	7000000 Pa at 55 °C,distance: 0.1 m			
Connections - terminals	Screw clamp terminals: 1 x 0.222 x 2.5 mm² without cable end conforming to EN/IEC 60947-1 Screw clamp terminals: <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1			
[Ui] rated insulation voltage	250 V (degree of pollution: 3) conforming to EN 60947-1			
[Uimp] rated impulse withstand voltage	4 kV conforming to EN 60947-1			
Signalling type	Steady			
Supply voltage limits	195264 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

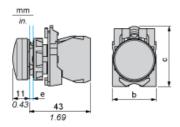
Protective treatment	TH				
Ambient air temperature for storage	-4070 °C				
Ambient air temperature for operation	-2570 °C				
Class of protection against electric shock	Class II conforming to IEC 60536				
IP degree of protection	IP66 conforming to IEC 60529				
NEMA degree of protection	NEMA 4X				
	NEMA 13				
IK degree of protection	IK05 conforming to IEC 50102				

Standards	EN/IEC 60947-1			
	EN/IEC 60947-5-1			
	EN/IEC 60947-5-4			
	JIS C 4520			
	UL 508			
	CSA C22.2 No 14			
Product certifications	CSA			
	UL listed			
Vibration resistance	5 gn (f = 12500 Hz) conforming to IEC 60068-2-6			
Shock resistance	50 gn for 11 ms half sine wave acceleration conforming to IEC 60068-2-27			
	30 gn for 18 ms 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	8 kV in free air (in insulating parts) conforming to IEC 61000-4-2			
Ç	6 kV on contact (on metal parts) conforming to IEC 61000-4-2			
Electromagnetic emission	Class B conforming to IEC 55011			

Product data sheet **Dimensions Drawings**

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Dimensions

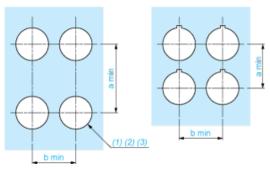


- clamping thickness: 1 to 6 mm / 0.04 to 0.24 in. 30 mm / 1.18 in. 41.5 mm / 1.63 in.
- b:

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

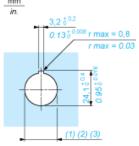
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- Diameter on finished panel or support
- For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended. 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
- For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- Ø22.5 mm recommended (Ø22.3 $_0$ ^{+0.4}) / Ø0.89 in. recommended (Ø0.88 in. $_0$ ^{+0.016})