Product data sheet Characteristics

ZB5CV013 square white pilot light head Ø22 plain lens for integral LED

Product availability: Non-Stock - Not normally stocked in distribution facility



Main	
Range of product	Harmony XB5
Product or component type	Head for pilot light
Product compatibility	Integral LED
Device short name	ZB5
Bezel material	Plastic
Mounting diameter	0.87 in (22 mm)
Head type	Standard
Sale per indivisible quantity	1
Shape of signaling unit head	Square
Cap/operator or lens colour	White
Operator additional in- formation	With plain lens

Complementary

CAD overall width	1.18 in (30 mm)			
CAD overall height	1.18 in (30 mm)			
CAD overall depth	1.14 in (29 mm)			
Product weight	0.04 lb(US) (0.02 kg)			
Station name	XALD 15 cut-outs XALK 25 cut-outs			
Electrical composition code	P1 in front mounting with integral LED P2 in front mounting with integral LED and transformer PF1 in front mounting with integral LED PR1 in rear mounting with integral LED			

Environment

Environment					
Protective treatment	TH				
Ambient air temperature for storage	-40158 °F (-4070 °C)				
Ambient air temperature for operation	-13158 °F (-2570 °C)				
Overvoltage category	Class II IEC 60536				
IP degree of protection	IP66 conforming to IEC 60529				
NEMA degree of protection	NEMA 13 NEMA 4X				
Resistance to high pressure washer	1015.26 psi (7000000 Pa) at 131 °F (55 °C),distance: 0.1 m				
IK degree of protection	IK05 conforming to IEC 50102				
Standards	UL 508 EN/IEC 60947-5-1 EN/IEC 60947-5-4 JIS C 4520 CSA C22.2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-5				
Vibration resistance	5 gn (f = 2500 Hz) conforming to IEC 60068-2-6				
Shock resistance	30 gn (duration = 18 ms) half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27				



Ordering and shipping details

Category	22467 - PUSHBUTTONS,22MM(PLASTIC) NEW		
Discount Schedule	CS2		
GTIN	00785901386889		
Nbr. of units in pkg.	1		
Package weight(Lbs)	0.10000000000001		
Returnability	Ν		
Country of origin	FR		

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including:
Substance 1	Nickel compounds, which is known to the State of California to cause cancer, and
Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
More information	For more information go to www.p65warnings.ca.gov

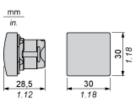
Contractual warranty

Warranty period

18 months

Product data sheet Dimensions Drawings ZB5CV013

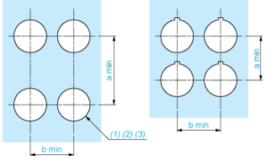
Dimensions



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

ZB5CV013

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



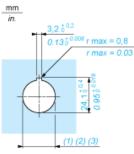
Diameter on finished panel or support (1)

For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended. \emptyset 22.5 mm recommended (\emptyset 22.3 $_0^{+0.4}$) / \emptyset 0.89 in. recommended (\emptyset 0.88 in. $_0^{+0.016}$) (2)

(3)

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. (2)

(3) Ø22.5 mm recommended (Ø22.3 $_{0}^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 in. $_{0}^{+0.016}$)

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

Panel Cut-outs (Viewed from Installer's Side)



- A: 30 mm min. / 1.18 in. min.
- B: 40 mm min. / 1.57 in. min.

Printed Circuit Board Cut-outs (Viewed from Electrical Block Side)





- A: 30 mm min.
- B: 40 mm min.



B: 1.57 in. min.

General Tolerances of the Panel and Printed Circuit Board

The cumulative tolerance must not exceed 0.3 mm / 0.012 in.: T1 + T2 = 0.3 mm max.

Installation Precautions

- Minimum thickness of circuit board: 1.6 mm / 0.06 in.
- Cut-out diameter: 22.4 mm ± 0.1 / 0.88 in. ± 0.004
- Orientation of body/fixing collar ZB5AZ009: ± 2°30' (excluding cut-outs marked a and b).
- Tightening torque of screws ZBZ006: 0.6 N.m (5.3 lbf.in) max.
- Allow for one ZB5AZ079 fixing collar/pillar and its fixing screws:
 - every 90 mm / 3.54 in. horizontally (X), and 120 mm / 4.72 in. vertically (Y).
 - with each selector switch head (ZB5AD•, ZB5AJ•, ZB5AG•).

The fixing centers marked a and b are diagonally opposed and must align with those marked 4 and 5.



- (1) Head ZB5AD•
- (2) Panel
- (2) Nut
- (4) Printed circuit board

Mounting of Adapter (Socket) ZBZ01•

- 1 2 elongated holes for ZBZ006 screw access
- 2 1 hole Ø 2.4 mm \pm 0.05 / 0.09 in. \pm 0.002 for centring adapter ZBZ01•
- 3 8 × Ø 1.2 mm / 0.05 in. holes
- 4 1 hole Ø 2.9 mm ± 0.05 / 0.11 in. ± 0.002, for aligning the printed circuit board (with cut-out marked a)
- 5 1 elongated hole for aligning the printed circuit board (with cut-out marked b)
- 6 4 holes Ø 2.4 mm / 0.09 in. for clipping in adapter ZBZ01•

Dimensions An + 18.1 relate to the Ø 2.4 mm \pm 0.05 / 0.09 in. \pm 0.002 holes for centring adapter ZBZ01.

ZB5CV013

Electrical Composition Corresponding to Codes P1, P3, PF1, PR1 and PF2

Light block

8

Electrical Composition Corresponding to Codes M6 and P2



Legend

Single contact

Double contact

Light block



Possible location

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Industrial Panel Mount Indicators / Switch Indicators category:

Click to view products by Schneider manufacturer:

Other Similar products are found below :

LW1A-P1-GD LW1A-P1-W 01-931.3 01-152.025 73.362.4028.0 750-1520 9001OA120 A0142N5 A3DT-500Y AL6M-LK3-R AL6M-P7P-A AOLQW-2B0600 AP1M255-A APD106LN-G APD106LN-S APN1126-G APS122DN-W ASLWLD-G ASLWLD-R ATN2100 AYLW4L-A 18-237.035 18-945 HW1A-L1-GD HW1A-P2-GL HW1X-BM411-R HW2A-L1-GL HW2A-P1-GD HWAZ1N-OB PA2100/2 PA2200/1 PA2SHIELD PAMR25 LA3P-1C03V-Y 96-923.5 A0244J2 LSPD-120A LSPD-1Y LSPD-6A LSPD-6DA LSPD-6DW LSPD-6DY LSPD-6R LSPD-6W 18-946 AL6H-LK3-A AL6H-P4-JW AL6M-LK1-MG AP8M155-G APD106LN-W