

Product data sheet

Characteristics

ZB5AV5

light block with body/fixing collar with BA9s
incandesc. bulb 400V

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



Main

Range of product	Harmony XB5
Product or component type	Complete body/light block assembly
Device short name	ZB5
Fixing collar material	Plastic
Sale per indivisible quantity	1
Connections - terminals	Screw clamp terminals: <= 2 x 1.5 mm ² with cable end conforming to EN 60947-1 Screw clamp terminals: >= 1 x 0.22 mm ² without cable end conforming to EN 60947-1
Light source	Incandescent
Bulb base	BA 9s
Light block supply	Via integral transformer, 1.2 VA - 6 V

Complementary

CAD overall width	1.18 in (30 mm)
CAD overall height	1.65 in (42 mm)
CAD overall depth	2.17 in (55 mm)
Terminals description ISO n°1	(X1-X2)PL
Product weight	0.22 lb(US) (0.099 kg)
Tightening torque	7.08...10.62 lbf.in (0.8...1.2 N.m) conforming to EN 60947-1
Shape of screw head	Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
[Ui] rated insulation voltage	600 V (degree of pollution: 3) conforming to EN 60947-1
[Uiimp] rated impulse withstand voltage	6 kV conforming to EN 60947-1
Signalling type	Steady
[Us] rated supply voltage	400 V AC, 50/60 Hz
Mounting of block	Front mounting
Electrical composition code	P4 M9
Customizable	No

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-40...131 °F (-40...55 °C)
Electrical shock protection class	Class II conforming to IEC 60536
Standards	CSA C22.2 No 14 UL 508 EN/IEC 60947-5-1 EN/IEC 60947-5-4 JIS C 4520 EN/IEC 60947-1

Product certifications	CSA RINA GL LROS (Lloyds register of shipping) UL listed BV DNV
Vibration resistance	5 gn (f = 2...500 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	22469 - PUSHBUTTON,22MM ACCESSORIES-NEW
Discount Schedule	CS2
GTIN	00785901453451
Nbr. of units in pkg.	1
Package weight(Lbs)	0.22
Returnability	N
Country of origin	FR

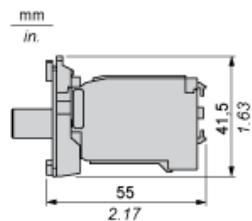
Offer Sustainability

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

Contractual warranty

Warranty period	18 months
-----------------	-----------

Dimensions



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



- (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 ($\varnothing 0.88 \text{ in.}^{+0.016}$)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[ZB5AV5](#)