

Product availability: Stock - Normally stocked in distribution facility



Main

Range of product	Harmony XB5
Product or component type	Complete potentiometer
Device short name	XB5
Head type	Standard

Complementary

Bezel material	Dark grey plastic
Mounting diameter	0.87 in (22 mm)
Product compatibility	Ø 6 mm shaft
Sale per indivisible quantity	1
CAD overall width	1.18 in (30 mm)
CAD overall height	1.65 in (42 mm)
CAD overall depth	3.23 in (82 mm)
Product weight	0.11 lb(US) (0.048 kg)
Protective treatment	TH
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-40...158 °F (-40...70 °C)
Electrical shock protection class	Class II IEC 60536
IP degree of protection	IP66 IEC 60529
NEMA degree of protection	NEMA 13 NEMA 4X
Resistance to high pressure washer	1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m
IK degree of protection	IK03 IEC 50102
Standards	EN/IEC 60947-1 CSA C22.2 No 14 UL 508
Product certifications	CSA BV UL listed
Shape of signaling unit head	Round
Operator profile	Knurled knob with white
[Us] rated supply voltage	<= 30 V AC <= 42 V DC
Rated power in W	1 W 70 °C
Precision of internal conversion resistor	+/-10%
Potentiometer characteristic	Linear
Mechanical durability	50000 cycles
Ohmic value	1000 Ohm
Material	Cermet
Vibration resistance	5 gn 2...500 Hz IEC 60068-2-6
Shock resistance	30 gn 18 ms half sine wave acceleration IEC 60068-2-27 50 gn 11 ms half sine wave acceleration IEC 60068-2-27

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 intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing 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.

Main group	Potentiometer
Group of product	Potentiometer knurled knob
Colour of marking	White
Compatibility code	XB5

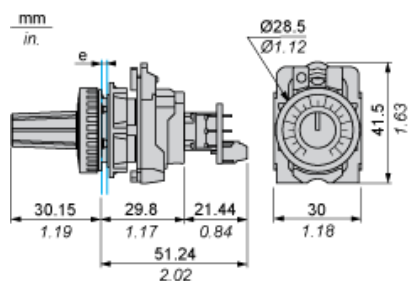
Ordering and shipping details

Category	22468 - PUSHBUTTONS,22MM(METAL) NEW
Discount Schedule	CS2
GTIN	00785901528685
Nbr. of units in pkg.	1
Package weight(Lbs)	0.14000000000000001
Returnability	Y
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
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

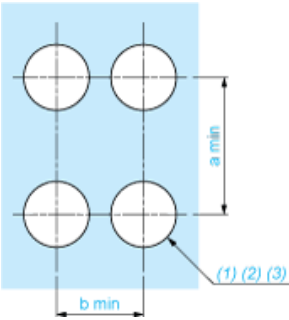
Dimensions



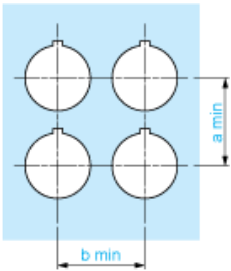
e: Panel thickness: 1 mm to 6 mm / 0.03 in. to 0.24 in.

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

Connection by Screw Terminals or Plug-in Connectors

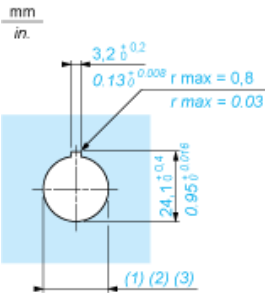


Connection by Faston Connectors



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

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 mm $+0.4$) / Ø0.89 in. recommended (Ø0.88 in. $+0.016$)

Mouser Electronics

Authorized Distributor

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

[Schneider Electric:](#)

[XB5AD912R1K](#)