

Complete potentiometer, Harmony XB5, plastic, 22mm, 4K7

XB5AD912R4K7

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony XB5
Product or Component Type	Potentiometer
Device short name	XB5
Head type	Standard
Device presentation	Complete product

Complementary

Bezel material	Dark grey plastic
Mounting diameter	0.9 in (22 mm)
Product Compatibility	Ø 6 mm shaft
Sale per indivisible quantity	1
CAD overall width	1.2 in (30 mm)
CAD overall height	1.7 in (42 mm)
CAD overall depth	3.2 in (82 mm)
Product Weight	0.106 lb(US) (0.048 kg)
Protective treatment	тн
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)
Ambient Air Temperature for Operation	-40158 °F (-4070 °C)
Electrical shock protection class	Class II conforming to IEC 60536
IP degree of protection	IP66 IEC 60529
IP degree of protection NEMA degree of protection	NEMA 13 NEMA 4X
	NEMA 13
NEMA degree of protection	NEMA 13 NEMA 4X
NEMA degree of protection Resistance to high pressure washer	NEMA 13 NEMA 4X 1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m
NEMA degree of protection Resistance to high pressure washer IK degree of protection	NEMA 13 NEMA 4X 1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m IK03 conforming to IEC 50102 UL 508 CSA C22.2 No 14
NEMA degree of protection Resistance to high pressure washer IK degree of protection Standards	NEMA 13 NEMA 4X 1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m IK03 conforming to IEC 50102 UL 508 CSA C22.2 No 14 IEC 60947-1 BV CSA
NEMA degree of protection Resistance to high pressure washer IK degree of protection Standards Product Certifications	NEMA 13 NEMA 4X 1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m IK03 conforming to IEC 50102 UL 508 CSA C22.2 No 14 IEC 60947-1 BV CSA UL Listed

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Rated power in W	1 W 158 °F (70 °C)
Precision of internal conversion resistor	+-10%
Potentiometer characteristic	Linear
Mechanical durability	50000 cycles
Ohmic value	4700 Ohm
Material	Cermet
Vibration resistance	5 gn (f= 2500 Hz) conforming to 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
Main group	Potentiometer
Group of product	Potentiometer knurled knob
Colour of marking	White

Ordering and shipping details

Category	US10CS222468
Discount Schedule	0CS2
GTIN	3606480985065
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.09 in (5.300 cm)
Package 1 Width	1.69 in (4.300 cm)
Package 1 Length	3.46 in (8.800 cm)
Package weight(Lbs)	2.046 oz (58.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	40
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	5.937 lb(US) (2.693 kg)



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

∇ Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	1
Environmental Disclosure	Product Environmental Profile

Use Better

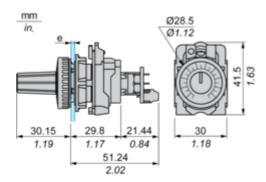
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Dimensions



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

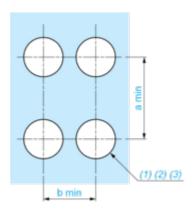
Product data sheet

XB5AD912R4K7

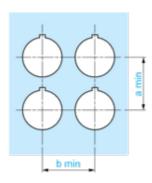
Mounting and Clearance

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

Connection by Screw Terminals or Plug-in Connectors

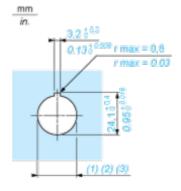


Connection by Faston Connectors



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



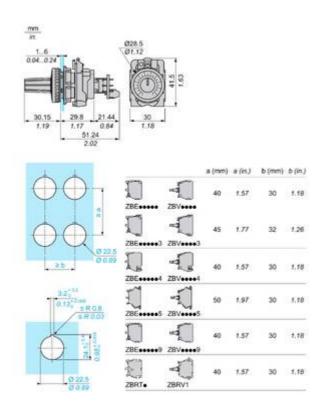
- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended. (3) \emptyset 22.5 mm recommended (\emptyset 22.3 $_0^{+0.4}$) / \emptyset 0.89 in. recommended (\emptyset 0.88 in. $_0^{+0.016}$)

Product data sheet XB5AD912R4K7

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Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB5



Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative









Image of product in real life situation

