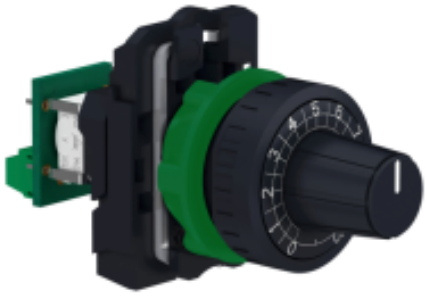
Product data sheet
Characteristics

XB5AD912R4K7
Complete potentiometer, Harmony XB5, plastic, 22mm, 4K7



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	22 Mm
Product compatibility	Ø 6 mm shaft
Sale per indivisible quantity	1
CAD overall width	30 Mm
CAD overall height	42 Mm
CAD overall depth	82 Mm
Net weight	0.048 Kg
Protective treatment	TH
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-40…70 °C
Electrical shock protection class	Class II conforming to IEC 60536
IP degree of protection	IP66 conforming to IEC 60529
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
IK degree of protection	IK03 conforming to IEC 50102
Standards	UL 508 CSA C22.2 No 14 IEC 60947-1
Product certifications	BV[RETURN]CSA[RETURN]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 at 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= 2…500 Hz) conforming to IEC 60068-2-6

Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
Main group	Potentiometer
Group of product	Potentiometer knurled knob
Colour of marking	White

Environment

NEMA degree of protection	UL type 4X/13

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.300 Cm
Package 1 Width	4.300 Cm
Package 1 Length	8.800 Cm
Package 1 Weight	58.000 G
Unit Type of Package 2	S02
Number of Units in Package 2	40
Package 2 Height	15 Cm
Package 2 Width	30 Cm
Package 2 Length	40 Cm
Package 2 Weight	2.630 Kg

Offer Sustainability

Recyclability potential, in %	86
Total lifecycle Carbon footprint	1 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.5590337283500456
Carbon footprint of the manufacturing phase [A1 to A3]	0.6 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.006276754785779399
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.012486235186873291
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.46984
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	0.5 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.11017684594348223
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1
Average percentage of recycled plastic content	27 %
Average percentage of recycled metal content	16 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is know
Product repair index	A
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status :	Commercialised