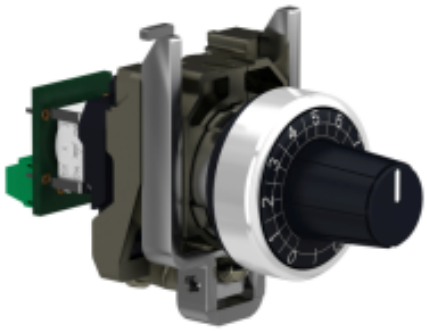
Product data sheet
Characteristics

XB4BD912R10K
Complete potentiometer, Harmony XB4, metal, 22mm, 10K



Main

Range of product	Harmony XB4
Product or component type	Potentiometer
Device short name	XB4
Head type	Standard
Device presentation	Complete product

Complementary

Bezel material	Chromium plated metal
Mounting diameter	22.5 Mm
Product compatibility	Ø 6 mm shaft
Sale per indivisible quantity	1
CAD overall width	30 Mm
CAD overall height	47 Mm
CAD overall depth	82 Mm
Net weight	0.095 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 IP69 conforming to IEC 60529 IP69K conforming to IEC 60529
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
IK degree of protection	IK06 conforming to IEC 50102
Standards	UL 508 IEC 60947-1 CSA C22.2 No 14
Product certifications	CSA[RETURN]BV[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	10000 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	105.000 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	4.500 Kg

Offer Sustainability

Recyclability potential, in %	86
Total lifecycle Carbon footprint	2 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1.0221
Carbon footprint of the manufacturing phase [A1 to A3]	1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.011476
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.022829
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.46984
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]	0.20144
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	2
Average percentage of recycled plastic content	49 %
Average percentage of recycled metal content	19 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	Cdd05395-84df-4020-b628-2e5a7bfcca00
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
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