

Product data sheet

Specifications



Biometric switch, Harmony XB5S, Monostable USB connection by 2 m cable

XB5S4B2L2

⚠ Discontinued on: Feb 17, 2021

⚠ Discontinued

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

Main

Product Or Component Type	Biometric switch
Product Specific Application	Materials handling Industrial machines
Device Short Name	XB5S
Bezel Material	Dark grey plastic
Mounting Diamete	0.87 in (22 mm)
Output Type	PNP
Sale Per Indivisible Quantity	1
Ip Degree Of Protection	IP20 EN/IEC 60529 rear face) IP65 EN/IEC 60529 front face)
Type Of Operator	Momentary
Operator Profile	fingerprint reader
Connections - Terminals	1 pre-wired cable, 3 x 0.11 mm²
Memory Usage	200 users with up to 2 fingerprints per user

Complementary

Software Designation	XB5SSoft
Enclosure Material	Polyamide PA66
Cable Insulation Material	PvR
Operating Position	Vertical surface installation Flat surface installation Horizontal position
Function Of Module	Monostable
Net Weight	0.45 lb(US) (0.202 kg)
Marking	CE
Port Protocol	USB
Connector Type	USB type A male 3.28 ft (1 m)
Local Signalling	for output state indicator 1 LED (green) for error 1 LED (red)
Short-Circuit Protection	250 mA external fuse gG
[Us] Rated Supply Voltage	24 V DC
Electrical Connection	free wire ends 3 6.56 ft (2 m)

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

Supply Voltage Limits	20...30 V DC
Protection Type	Reverse polarity Short-circuit Overload protection
Maximum Switching Current	200 mA
[Ures] Residual Voltage	1 V closed state
Current Consumption	<= 70 mA no-load
Maximum Delay First Up	3 s + 0.5 ms per user registered
Maximum Delay Recovery	1.5 s
Maximum Delay Response	1.5 s

Environment

Range Of Product	Harmony XB5S
Ambient Air Temperature For Storage	-13...158 °F (-25...70 °C)
Ambient Air Temperature For Operation	23...122 °F (-5...50 °C)
Nema Degree Of Protection	NEMA 12
Standards	IEC 61000-6-4 IEC 61000-6-2
Product Certifications	CSA UL
Vibration Resistance	+/- 3 mm 5...9 Hz)IEC 60068-2-6 1 gn 9...500 Hz)IEC 60068-2-6
Shock Resistance	50 gn 11 ms IEC 60068-2-27

Ordering and shipping details

Category	US1000I22471
Discount Schedule	000I
Gtin	00785901438083
Returnability	No
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Contractual warranty

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

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.



[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



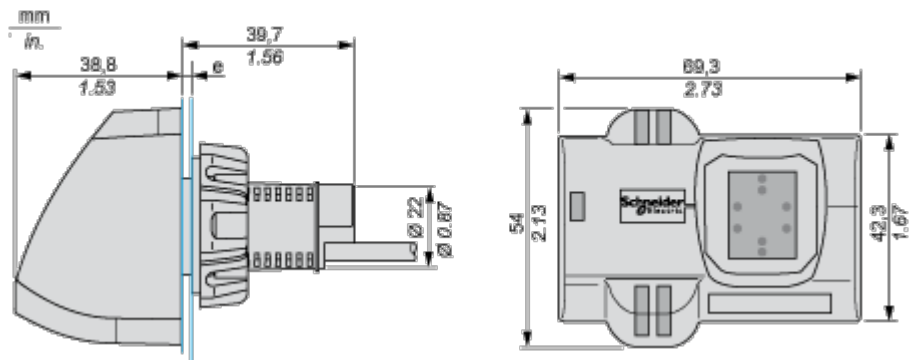
Transparency

Well-being performance

	Mercury Free	
	Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)	
China Rohs Regulation	China RoHS declaration	
Environmental Disclosure	Product Environmental Profile	
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.	
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov	

Dimensions Drawings

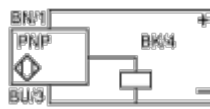
Dimensions of Biometric Switches



e: 1 to 6 mm / 0.04 to 0.24 in.

Connections and Schema

Cable with PNP Output



- BU: Blue
- BN: Brown
- BK: Black