

Product data sheet

Specifications



Biometric switch bistable RGPD,
Harmony XB5S, plastic, 22mm,
USB, connection by 2m cable, 24V
AC DC

XB5S8B2L2

Product availability: Stock - Normally stocked in distribution
facility

Price*: 493.00 USD

Main

Product Or Component Type	Biometric switch RGPD
Product Specific Application	Materials handling Industrial machines
Device Short Name	XB5S
Bezel Material	Plastic
Mounting Diameter	0.87 in (22 mm)
Output Type	PNP
Sale Per Indivisible Quantity	1
Ip Degree Of Protection	IP20 IEC 60529 rear face) IP65 IEC 60529 front face)
Type Of Operator	Stay put
Operator Position Information	2 positions
Operator Profile	fingerprint reader
Connections - Terminals	1 pre-wired cable, 3 x 0.11 mm ²
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	Bi-stable
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

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

Electrical Connection	free wire ends 3 6.56 ft (2 m)
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	22471-BIOMETRIC PUSHBUTTON DO NOT NEGOT.
Discount Schedule	I
Gtin	3606489915490
Returnability	No

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.70 in (6.858 cm)
Package 1 Width	3.80 in (9.652 cm)
Package 1 Length	7.40 in (18.796 cm)
Package 1 Weight	6.72 oz (190.511 g)

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 >](#)

Well-being performance

 Mercury Free

 Rohs Exemption Information [Yes](#)

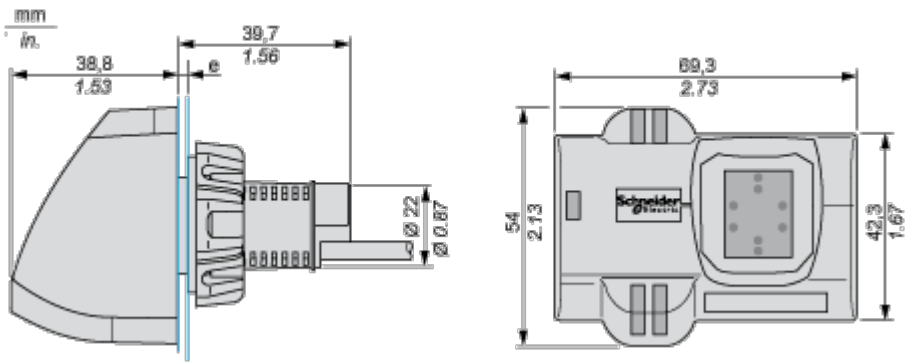
Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)

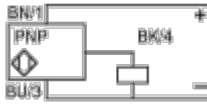
Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions of Biometric Switches



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

Cable with PNP Output



BU: Blue

BN: Brown

BK: Black