

Product data sheet

Specifications



Biometric switch monostable RGPD, Harmony XB5S, plastic, 22mm, USB, connection by M12 connector, 24V AC DC

XB5S9B2M12

Product availability: Stock - Normally stocked in distribution facility

Price*: 506.00 USD

Main

Product or Component Type	Biometric switch RGPD
Product Specific Application	Industrial machines
Device short name	XB5S
Bezel material	Plastic
Mounting diameter	0.9 in (22 mm)
Output Type	PNP
Sale per indivisible quantity	1
IP degree of protection	IP20 IEC 60529 rear face)
Type of operator	Momentary
Operator profile	fingerprint reader
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	Flat surface installation
Function of module	Monostable
Net Weight	0.474 lb(US) (0.215 kg)
marking	CE
port protocol	USB
Connector type	USB type A male 3.3 ft (1 m)
Local signalling	for output state indicator 1 LED (green)
Short-circuit protection	250 mA external fuse gG
[Us] rated supply voltage	24 V DC
Electrical connection	M12 connector 0.7 ft (0.2 m)
Supply voltage limits	20...30 V DC
Protection Type	Overload protection
Maximum switching current	200 mA

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

[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 61000-6-2
Product Certifications	UL
Vibration resistance	+/- 3 mm 5...9 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	3606489915520
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.60 in (6.6 cm)
Package 1 Width	3.74 in (9.5 cm)
Package 1 Length	7.24 in (18.4 cm)
Package 1 Weight	6.7 oz (189.0 g)

Contractual warranty

Warranty	18 months
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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 >](#)

[How we assess product sustainability >](#)

Eu Rohs Directive

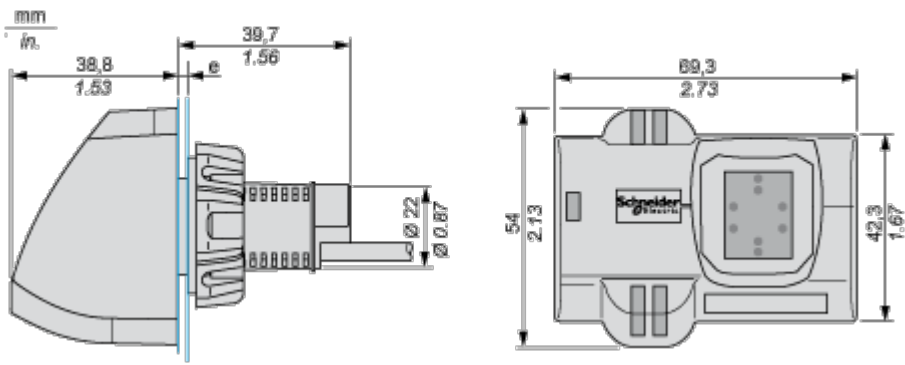
Under investigation

Weee

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

Dimensions Drawings

Dimensions of Biometric Switches

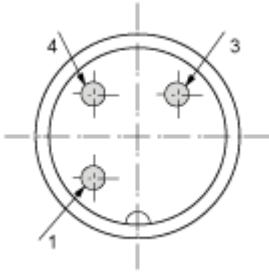


e: 1 to 6 mm / 0.04 to 0.24 in.

Connections and Schema

M12 Connector

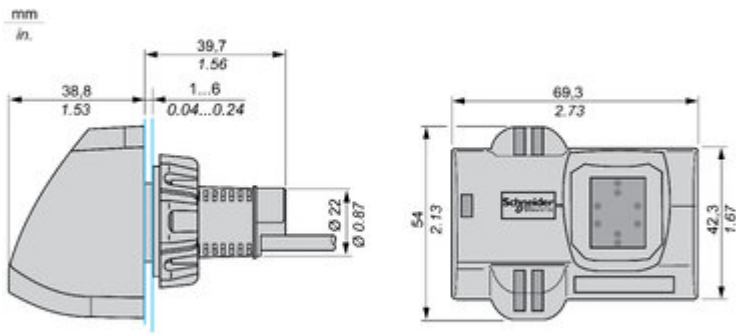
M12 connector



- 1 : (+)
- 3 : (-)
- 4 : Output

Technical Illustration

Dimensions



Technical Illustration

Wiring diagram

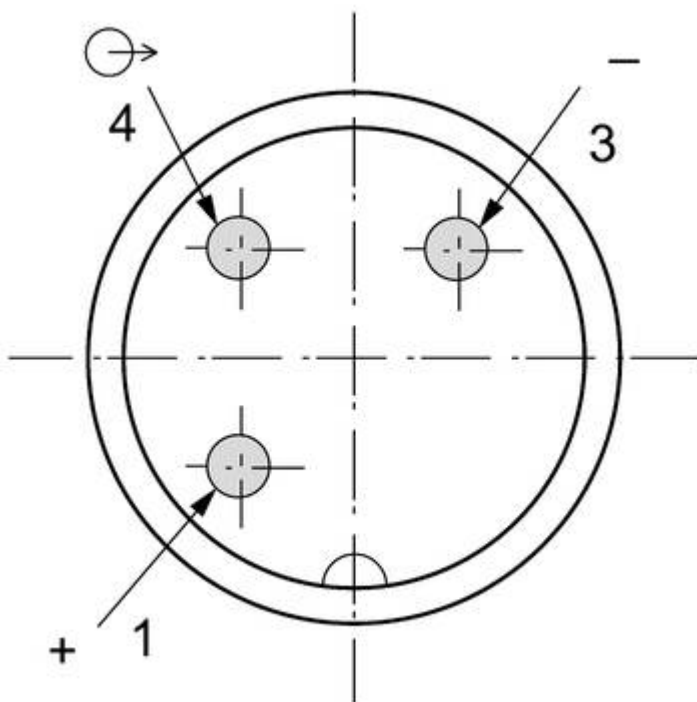


Image of product / Alternate images

Alternative

