Product data sheet
Characteristics

XB5S2B2M12
Biometric switch monostable, plastic, Ø22, connection by M12 connector, 24 V AC/DC

Product availability : Stock - Normally stocked in distribution facility

Price* : 506.00 USD

Main

Product or component type	Biometric switch
Product specific application	Industrial machines Materials handling
Device short name	XB5S
Bezel material	Dark grey plastic
Mounting diameter	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
Memory usage	200 users with up to 2 fingerprints per user

Complementary

Enclosure material	Polyamide PA66
Cable insulation material	PvR
Operating position	Vertical surface installation Horizontal position Flat surface installation
Function of module	Monostable
Net Weight	0.40 lb(US) (0.183 kg)
Marking	CE
Local signalling	Output state indicator 1 LED green) Administrator's registration mode 1 LED orange) Operator's registration mode 1 LED orange) Error 1 LED red) Reset 1 LED red)
Short-circuit protection	250 mA external fuse gG
[Us] rated supply voltage	24 V DC
Electrical connection	M12 connector 0.66 ft (0.2 m)

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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Supply voltage limits	20…30 V DC
Protection type	Overload protection Short-circuit Reverse polarity
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 61000-6-2 IEC 61000-6-4
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	00785901680055
Nbr. of units in pkg.	1
Package weight(Lbs)	0.36 lb(US) (0.16 kg)
Returnability	Yes
Country of origin	FR

Packing Units

Package 1 Height	0.930 dm
Package 1 width	0.680 dm
Package 1 Length	1.850 dm

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
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.

Contractual warranty

Warranty	18 months

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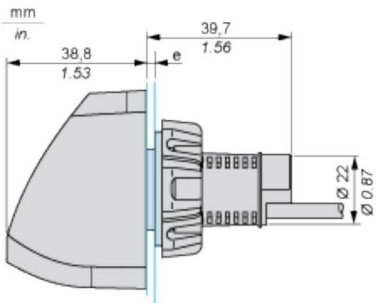
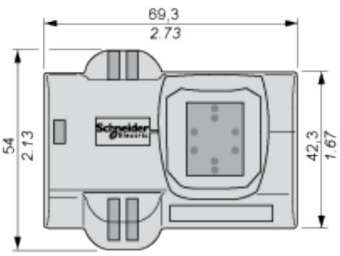
Dimensions of Biometric Switches





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

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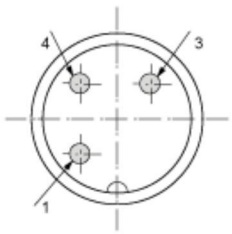
M12 Connector

M12 connector



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

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