



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

Software designation	XB5SSoft
Enclosure material	Polyamide PA66
Cable insulation material	PvR
Operating position	Flat surface installation Horizontal position Vertical surface installation
Function of module	Monostable
Net Weight	0.47 lb(US) (0.215 kg)
Marking	CE
Port protocol	USB
Connector type	USB type A male 3.28 ft (1 m)
Local signalling	Output state indicator 1 LED green) Error 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)
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	UL CSA
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	00785901375203
Nbr. of units in pkg.	1
Package weight(Lbs)	0.42 lb(US) (0.19 kg)
Returnability	No
Country of origin	FR

Packing Units

Package 1 Height	0.660 dm
Package 1 width	0.950 dm
Package 1 Length	1.840 dm

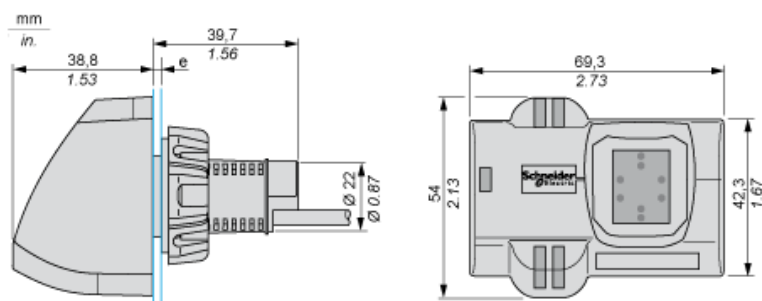
Offer Sustainability

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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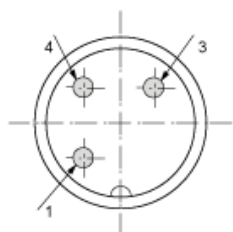
Dimensions of Biometric Switches



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

M12 Connector

M12 connector



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