

XB5S9B2M12

Harmony XB5S, Biometric switch monostable
RGPD, plastic, Ø22, USB, connection by M12
connector, 24 V AC/DC



Main

Product or component type	Biometric switch RGPD
Product specific application	Industrial machines
Device short name	XB5S
Bezel material	Plastic
Mounting diameter	22 mm
Output type	PNP
Sale per indivisible quantity	1
IP degree of protection	IP20 (rear face) conforming to EN/IEC 60529
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	0.215 kg
Marking	CE
Port protocol	USB
Connector type	USB type A male with 1 m cable
Local signalling	1 LED (green) for output state indicator
Short-circuit protection	250 mA external fuse type gG
[Us] rated supply voltage	24 V DC
Electrical connection	M12 connector of 0.2 m
Supply voltage limits	20...30 V DC
Protection type	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	-25...70 °C
Ambient air temperature for operation	-5...50 °C
NEMA degree of protection	NEMA 12
Standards	IEC 61000-6-2
Product certifications	UL
Vibration resistance	+/- 3 mm (f= 5...9 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn 11 ms conforming to IEC 60068-2-27

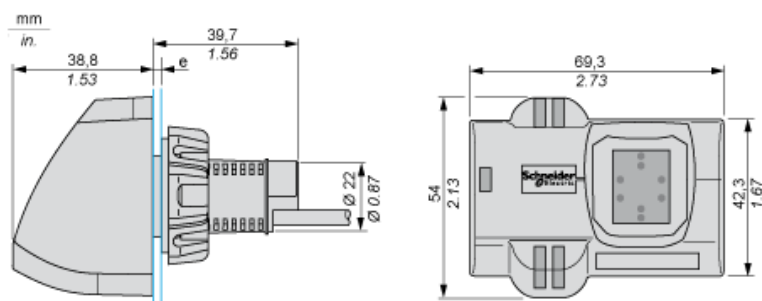
Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	189 g
Package 1 Height	6.6 cm
Package 1 width	9.5 cm
Package 1 Length	18.4 cm

Contractual warranty

Warranty	18 months
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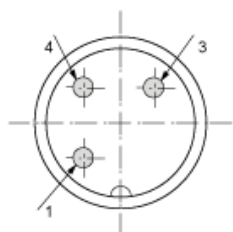
Dimensions of Biometric Switches



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

M12 Connector

M12 connector



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