

XB5S4B2L2

USB biometric switch XB5S Ø22mm - USB
com - momentary - 1 pre-wired cable



Main

Range of product	Harmony XB5S
Product or component type	Biometric switch
Product specific application	Industrial machines Materials handling
Device short name	XB5S
Bezel material	Plastic
Mounting diameter	22 mm
Output type	PNP
Sale per indivisible quantity	1
IP degree of protection	IP65 front face conforming to EN/IEC 60529 IP20 rear face conforming to EN/IEC 60529
Type of operator	Momentary
Operator profile	Fingerprint reader
Connections - terminals	1 pre-wired cable, clamping capacity: 3 x 0.11 mm²
Memory usage	200 users with up to 2 fingerprints per user

Complementary

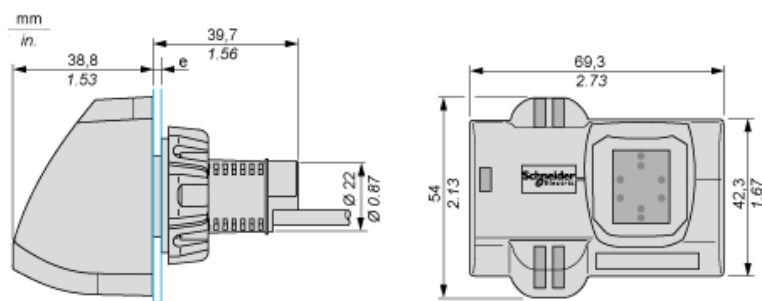
Software designation	XB5SSoft
Enclosure material	Polyamide PA66
Cable insulation material	PvR
Operating position	Flat surface installation Horizontal position Vertical surface installation
Function of module	Monostable
Product weight	0.202 kg
Marking	CE
Port protocol	USB
Type of connector	USB type A male with 1 m cable
Local signalling	1 LED red, function: error 1 LED green, function: output state indicator
Short circuit protection	250 mA by gG external fuse
[Us] rated supply voltage	24 V DC
Electrical connection	Free wire ends with 3 wires of 2 m
Supply voltage limits	20...30 V DC
Protection type	Overload protection Reverse polarity Short-circuit
Maximum switching current	<= 200 mA
[Ures] residual voltage	<= 1 V, closed state
Current consumption	<= 50 mA no-load
Delay first up	< 2 s
Delay recovery	< 1 s
Delay response	< 1 s

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

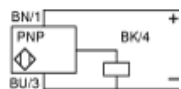
Ambient air temperature for storage	-25...70 °C
Ambient air temperature for operation	-5...50 °C
NEMA degree of protection	NEMA 12
Standards	IEC 61000-6-2 IEC 61000-6-4
Product certifications	CSA UL
Vibration resistance	1 gn (f = 9...500 Hz) conforming to IEC 60068-2-6 +/- 3 mm (f = 5...9 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27

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