XB5S2B2M12

biometric switch XB5S Ø22mm - No Com - momentary - M12 connector





Main

Commercial Status	Commercialised
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
Memory usage	200 users with up to 2 fingerprints per user

Complementary

Enclosure material	Polyamide PA66	
Cable insulation material	PvR	
Operating position	Flat surface installation Horizontal position Vertical surface installation	
Function of module	Monostable	
Product weight	0.183 kg	
Marking	CE	
Local signalling	 1 LED red, function: reset 1 LED red, function: error 1 LED orange, function: operator's registration mode 1 LED orange, function: administrator's registration mode 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	M12 connector of 0.2 m	
Supply voltage limits	2030 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	<2s	
Delay recovery	<1s	
Delay response	<1s	

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 interested for a set of for determining suitability or intelability of these products for specific user applications. It is the documentation is not integrator to perform the appropriate and complete risk analysis, evaluating 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	-2570 °C	
Ambient air temperature for operation	-550 °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 = 9500 Hz) conforming to IEC 60068-2-6 +/- 3 mm (f = 59 Hz) conforming to IEC 60068-2-6	
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27	

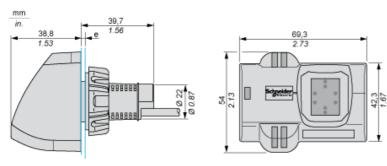
Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0910 - Schneider Electric declaration of conformity
REACh	Reference contains SVHC above the threshold - go to CaP for more details
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations



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Dimensions of Biometric Switches



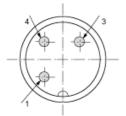
e: 1 to 6 mm / 0.04 to 0.24 in.

Product data sheet Connections and Schema

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M12 Connector

M12 connector



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