XB5S3B2L2



Main

Product or component type	Biometric switch
Product specific application	Industrial machines Materials handling
Device short name	XB5S
Bezel material	Plastic
Mounting diameter	0.87 in (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	Stay put
Operator position information	2 positions
Operator profile	Fingerprint reader
Connections - terminals	1 pre-wired cable, clamping capacity: 3 x 0.11 mm ²
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	Bi-stable -
Product weight	0.45 lb(US) (0.202 kg)
Marking	CE
Communication port protocol	USB
Connector type	USB type A male with 3.28 ft (1 m) cable
Local signalling	1 LED green, function: output state indicator 1 LED red, function: error
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 6.56 ft (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	<= 70 mA no-load
Delay first up	<= 3 s + 0.5 ms per user registered
Delay recovery	<= 1.5 s
Delay response	<= 1.5 s

Environment

range of product	Harmony XB5S
ambient air temperature for storage	-13158 °F (-2570 °C)
ambient air temperature for operation	23122 °F (-550 °C)
NEMA degree of protection	NEMA 12

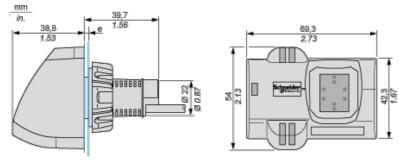
standards	IEC 61000-6-2 IEC 61000-6-4	
product certifications	CSA UL	
vibration resistance	+/- 3 mm (f = 59 Hz) conforming to IEC 60068-2-6 1 gn (f = 9500 Hz) conforming to IEC 60068-2-6	
shock resistance	50 an 11 ms conforming to IEC 60068-2-27	

Offer Sustainability

Not Green Premium product	Not Green Premium product
Compliant - since 0844 - Schneider Electric declaration of conformity	Compliant - since 0844 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
For more information go to www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov

Contractual warranty

Dimensions of Biometric Switches



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

Cable with PNP Output



BU: BlueBN: BrownBK: Black