

Product data sheet

Specifications

SQUARE D



biometric switch complete demo case - Ø22mm

XB5SBIODEMO

! Discontinued on: Jan 29, 2021

! Discontinued

Main

Product or Component Type	Biometric switch
Device short name	XB5S
Bezel material	Plastic
Mounting diameter	0.9 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	Stay put
Operator position information	2 positions
Operator profile	fingerprint reader
Connections - terminals	1 pre-wired cable, 3 x 0.11 mm ²
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
Marking	CE
port protocol	USB
Connector type	USB type A male 3.3 ft (1 m)
Short-circuit protection	250 mA external fuse gG
[Us] rated supply voltage	24 V DC
Electrical connection	free wire ends 3 6.6 ft (2 m)
Supply voltage limits	20...30 V DC
Protection Type	Short-circuit Reverse polarity Overload protection
Maximum switching current	200 mA
[Ures] residual voltage	1 V closed state
Current consumption	<= 50 mA no-load

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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	CSA UL
Vibration resistance	+/- 3 mm (f= 5...9 Hz) conforming to IEC 60068-2-6 1 gn (f= 9...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27

Ordering and shipping details

Category	22075-INDUSTRIAL APPLICATION PRODUCT
Discount Schedule	NET
GTIN	00785901980827
Returnability	No

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better



Materials and Substances

EU RoHS Directive

[Compliant By Exemption](#)

California proposition 65

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. For more information go to www.P65Warnings.ca.gov

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

Circularity Profile

No need of specific recycling operations