XB5S2B2M12

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



Main	
Product or Component Type	Biometric switch
Product Specific Application	Industrial machines Materials handling
Device short name	XB5S
Bezel material	Dark grey plastic
Mounting diameter	0.87 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	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	Vertical surface installation Horizontal position Flat surface installation	
Function of module	Monostable	
Net Weight	0.40 lb(US) (0.183 kg)	
Marking	CE	
Local signalling	For output state indicator 1 LED (green) For administrator's registration mode 1 LED (orange) For operator's registration mode 1 LED (orange) For error 1 LED (red) For reset 1 LED (red)	
Short-circuit protection	250 mA external fuse gG	
[Us] rated supply voltage	24 V DC	
Electrical connection	M12 connector 0.66 ft (0.2 m)	
Supply voltage limits	2030 V DC	
Protection Type	Overload protection Short-circuit Reverse polarity	
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	-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 59 Hz)IEC 60068-2-6 1 gn 9500 Hz)IEC 60068-2-6	
Shock resistance	50 gn 11 ms IEC 60068-2-27	

Ordering and shipping details

Category	22471-BIOMETRIC PUSHBUTTON DO NOT NEGOT.
Discount Schedule	I
GTIN	3606480061424
Nbr. of units in pkg.	1
Package weight(Lbs)	5.75 oz (163.0 g)
Returnability	Yes
Country of origin	FR

Packing Units

1 doking office	
Unit Type of Package 1	PCE
Package 1 Height	2.64 in (6.7 cm)
Package 1 width	3.74 in (9.5 cm)
Package 1 Length	7.28 in (18.5 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	8
Package 2 Weight	3.60 lb(US) (1.634 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

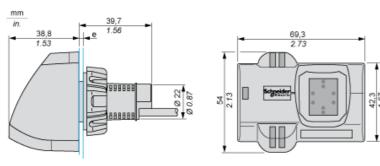
Offer Sustainability

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
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	€Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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Dimensions of Biometric Switches



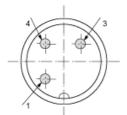
e: 1 to 6 mm / 0.04 to 0.24 in.

Product data sheet Connections and Schema

XB5S2B2M12

M12 Connector

M12 connector



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