Product data sheet Characteristics

XB5S8B2L2

Biometric switch bistable RGPD, Harmony XB5S, plastic, 22mm, USB, connection by 2m cable, 24V AC DC



Main

Product or component type	Biometric switch RGPD	
Product specific application	Materials handling Industrial machines	
Device short name	XB5S	
Bezel material	Plastic	
Mounting diameter	22 Mm	
Output type	PNP	
Sale per indivisible quantity	1	
IP degree of protection	IP20 (rear face) conforming to IEC 60529 IP65 (front face) conforming to IEC 60529	
Type of operator	Stay put	
Operator position information	2 positions	
Operator profile	Fingerprint reader	
Connections - terminals	1 pre-wired cable, 3 x 0.11 mm²	
Memory usage	200 users with up to 2 fingerprints per user	

Complementary

Complementary	
Software designation	XB5SSoft
Enclosure material	Polyamide PA66
Cable insulation material	PvR
Operating position	Vertical surface installation Flat surface installation Horizontal position
Function of module	Bi-stable
Product weight	0.202 Kg
Marking	CE
Communication port protocol	USB
Connector type	USB type A male with 1 m cable
Local signalling	LED (green) for output state indicator LED (red) for error
Short-circuit protection	250 MA external fuse type gG
[Us] rated supply voltage	24 V DC
Electrical connection	Free wire ends with 3 wires of 2 m
Supply voltage limits	2030 V DC
Protection type	Reverse polarity Short-circuit Overload protection
Maximum switching current	200 MA

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[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	-2570 °C	
Ambient air temperature for operation	-550 °C	
NEMA degree of protection	NEMA 12	
Standards	IEC 61000-6-4 IEC 61000-6-2	
Product certifications	CSA[RETURN]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 gn 11 ms conforming to IEC 60068-2-27	

Packing Units

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.858 Cm
Package 1 Width	9.652 Cm
Package 1 Length	18.796 Cm
Package 1 Weight	190.511 G

Offer Sustainability

REACh Declaration
Compliant with Exemptions
Yes
₽¥Yes
China RoHS Declaration
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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Product Life Status : Commercialised

