

	TECHNICAL DATA SHEET		Ref: AES: ASTD:D&D:AX: 027:00
			DOC ID: CATNO:7_2_00
	Issue No: 07/2024		Date: 25.07.2024

MASA Range™

Cat. No(s): SRBF301.

SMART MASA FBR 3G SWITCH ZW 7X7

Product Description	: SMART MASA FBR 3G SWITCH ZW 7X7
1. General	
Product Category	: Smart Switch- Lighting Application
Product support	: Alfanar Smart Eco systems
Certifications	: CE, Z-wave Plus & RoHS
Operating temperature	: -20°C to 60°C
Relative humidity, %	: up to 85%
Storage temperature	: -20°C to 85°C
2. Mechanical / Material Characteristics	
Housing / Housing Cover	: PC UL94-V0, FR grade
Front / Clip-on plate	: PC UL94-V0, FR grade
Number of Gang	: 3 Gang
Contact Type	: 3 Push Buttons for ON/OFF
Terminal	: Brass with Nickel plating
Terminal Screw	: Steel with blue passivation
Terminal Capacity	: 1.5 - 2.5 mm ²
Mounting type	: Flush mounting
3. Electrical Characteristics	
Power Supply range	: 100 – 250V AC
Frequency, Hz	: 50 / 60 Hz
Relay rating	: 3 x High Power Relays (16A)
Rated LOAD (@230V AC)	: 800W - Resistive (Incandescent) per gang 400W - Capacitive (LED) per gang
Device Features (In-built Protection)	: Short Circuit / Input Overvoltage / Thermal/ Surge
Additional Features	: Smart Start/ ZCD
4. Network Parameter	
Wireless communication	: Z-wave
Z-wave series	: 800 Series
Frequency	: 868.4 MHz/869.85 MHz
Range	: Up-to 30m Indoor
Network type	: Mesh
Network Encryption/ security	: AES 128 / S0, S2
5. Overall Dimension	
Profile size (L x W x H), mm	: 86 x 86 x 25 mm
Weight, grams	: 98 g (Approx.)
6. Packaging Information	
Number of Product in gift box	: 1 No.
Number of Product's in carton	: 10 Nos.
7. Supplementary Accessories	
Fixing Screws in Qty.	: 2
Paint Guard in Qty.	: 1
Installation leaflet in Qty.	: 1

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Product Front Image



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