ALFANER
Smart Home Systems

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Smart Restroom Switch

- **ARS101** (Max output current=2A)
- **ARS102** (Max output current=10A)
- **ARS103** (without output)

Description

The "Alfan Smart Restroom Switch" is provided lighting and helped to circulate the air in the restroom. By touching the power button for the first time, the light/lights and the fan turn on simultaneously. It's possible to stay the fan on for a certain time, after leaving the restroom for full air circulation. The users can control this device manually by smart restroom switch or through the Avalon App. The connection between "Alfan Smart Restroom Switch" and the other Alfan Smart Devices as well as the Hub, is completely wireless and then no need to special wiring. This device is based on ZigBee 3.0 profile as the other Alfan smart home devices. Using without output smart restroom switches, lights and fan can be turned on and off from multiple places.

Features

- Three operation modes: turn lights and fan on simultaneously / only the lights on/ only the fan on.
- Ability to install without the need for destruction and additional wiring.
- Equipped with indicator LEDs to easily locate the switch in a dark place.
- Ease of cleaning due to Smooth and uniform surface.
- The capacitive touch technology.
- Stability of touch sensitivity in the high range of temperature and humidity.
- Ability to control by Android and iOS systems.

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Technical specification

Product Name	Smart Restroom Switch		
Model	ARS101	ARS102	ARS103
Nominal Power (W)	960	4800	0.2
Nominal Voltage Range (V)	80VAC - 240VAC		
Frequency Range	50Hz - 60Hz		
Supply Voltage	3.3V/DC		
Radio specifications			
Radio frequency	2.4GHz		
Protocol	Zigbee		
Wireless communication standard	IEEE 802.15.4		
Transmission Range	Up to 60m(Free Field)		
Max. Transmit power Measured	2.2mW		
Mechanical specifications			
Dimension (L×W×H) [mm]	81×81×44		
Operating Temperature	-10°C - 60°C		
Operating Humidity	10% - 80%		
Cover Material	Glass		
Color	White(customizable)		
Ingress Protection	IP20		
Operating Environment	Indoor		
Weight (gr)	180		

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Dimension Drawing

8 mm

36 mm

54 mm

10 mm

54 mm

81 mm

75.5 mm

52.5 mm

72 mm

81 mm

81 mm

81 mm

36 mm

8 mm

36 mm

52.5 mm

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