ComX Computers
Product Specification Sheet

AJAX-SB-2-GANG-W

Ajax - White SoloButton 2-Gang

Product Overview

Ajax - White SoloButton 2-Gang, For AJAX-LC-2-GANG



Specifications

Specifications:

Compatibility	
Hubs	Hub Plus
	Hub 2 (2G)
	Hub 2 (4G)
	Hub 2 Plus
	Hub Hybrid (2G)
	Hub Hybrid (4G)
Radio signal range extenders	ReX
	ReX 2
Communication	
Jeweller communication technology	Proprietary wireless technology to transmit the commands and events.
	Features:
	Two-way communication.
	Protection against device spoofing.
	Block encryption featuring a dynamic key.
	Instant notifications.
	Remote configuration via the Ajax apps.

Radio frequency bands	866.0 - 866.5 MHz
	868.0 - 868.6 MHz
	868.7 - 869.2 MHz
	905.0 - 926.5 MHz
	915.85 - 926.5 MHz
	921.0 - 922.0 MHz
	Depends on the sales region.
Maximum effective radiated power (ERP)	up to 20 mW
	Automatic power control to reduce power consumption and radio interference.
Radio signal modulation	GFSK
Radio communication range	up to 1,100 m
	Between the device and a hub (or radio signal range extender) in an open space.
	Calculate radio communication range at the facility
Encrypted radio communication	All the data stored and transmitted are protected by block encryption with a dynamic key.
Frequency hopping	To prevent radio interference and jamming.
Features	
Scenarios	reaction to alarm
	reaction to security mode change
	activation by schedule
	reaction to pressing another LightSwitch
Operation without neutral wire	LightSwitch only needs a live wire to operate.
Power of switched device	from 5 to 600 W
Contactless touch panel	LightSwitch is activated when a hand gets as close as 15 mm from the panel.
Night backlight	Optional, can be turned off in the Ajax app device settings.
Protection against incompatible devices	Triggers if lighting devices have insufficient power (up to 5 W). If protection is triggered, LightSwitch turns off power and sends a notification to Ajax apps. For low-power lighting devices, the kit includes a capacitor.
	Recommendations
	The device is designed for indoor installation only. A professional electrician should install a device.
Anti-sabotage protection	
Protection against spoofing	device authentication
Communication loss detection	from 36 seconds
	The time to detect the communication loss depends on the Jeweller (or Jeweller/Fibra) settings.
Power supply	
Power supply voltage	230 V, 50 Hz
	The device does not need a neutral wire to operate.

Average consumption	up to 200 mW
Maximum power	600 W
	For LightCore (1-gang) and LightCore (2-way).
	300 W per segment
	For LightCore (2-gang).
Current protection	more than 2.6 A
	If protection is triggered, LightSwitch turns off power and sends a notification to Ajax apps.
Temperature protection	more than +60 degreesC
	If protection is triggered, LightSwitch turns off power and sends a notification to Ajax apps.
Operating parameters	
Operating temperature range	from -10 degreesC to +40 degreesC
Operating humidity	Up to 75% with no condensation
Protection class	IP20
Form factor of the switch	European type (55)
Weight	
Relay	LightCore (1-gang) - 45.95 g
	LightCore (2-gang) - 53.9 g
	LightCore (2-way) - 48.34 g
Frames	Frame (2 seats) - 16.13 g
	Frame (3 seats) - 22.12 g
	Frame (4 seats) - 28.12 g
Buttons	SoloButton (1-gang / 2-way) - 44.5 g
	SoloButton (2-gang) - 45.75 g
	CenterButton (1-gang / 2-way) - 30.97 g
	CenterButton (2-gang) - 31.97 g
	SideButton (1-gang / 2-way) - 31.56 g
	SideButton (2-gang) - 32.73 g
Dimensions	
Relay	LightCore (1-gang) - 76.3 x 72.3 x 29.2 mm
	LightCore (2-gang) - 76.3 x 72.3 x 29.2 mm
	LightCore (2-way) - 76.3 x 72.3 x 29.2 mm
Frames	Frame (2 seats) - 82.75 x 153.48 x 6.3 mm
	Frame (3 seats) - 82.75 x 224.48 x 6.3 mm
	Frame (4 seats) - 82.75 x 295.48 x 6.3 mm

Buttons	SoloButton (1-gang / 2-way) - 82.75 x 82.75 x 10.26 mm
	SoloButton (2-gang) - 82.75 x 82.75 x 10.26 mm
	CenterButton (1-gang / 2-way) - 82 x 70.53 x 10.26 mm
	CenterButton (2-gang) - 82 x 70.53 x 10.26 mm
	SideButton (1-gang / 2-way) - 82 x 76.19 x 10.26 mm
	SideButton (2-gang) - 82 x 76.19 x 10.26 mm

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/AJAX-SB-2-GANG-W-Ajax-White-SoloButton-2-Gang-p-294758.php

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