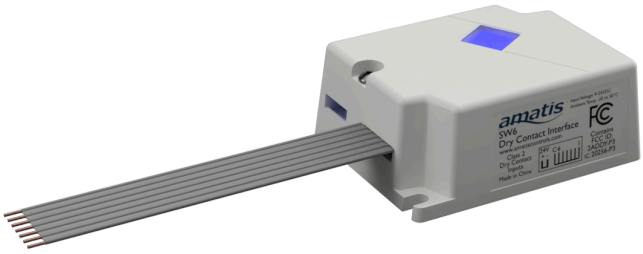
XWS-SW6

6-input low-voltage switch interface

Product Specification



PRODUCT OVERVIEW

The Luum Switch6 (XWS-SW6) is a low-voltage 6-input switch interface for scene and device control.

This device connects up to 6 switches or relays, allowing standard toggle or momentary contact switches, sensors, and other devices to act as triggers for programmed scenes.

Small form factor allows the XWS-SW6 to fit behind wall stations in junction boxes deeper than 1-7/8 in, and makes installation fast and easy.

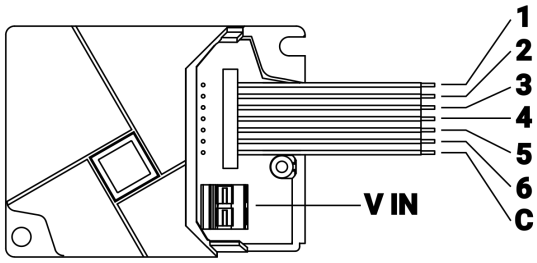
CONFIGURATIONS

XWS-SW6: Supports up to 6 relay or switch inputs with 9-26VDC power.

FEATURES

Switching functionality	Connects up to 6 relay or switch inputs to trigger events on the Luum mesh network
	Polarity-protected 9-26VDC input for DC systems
	Low power consumption
	Third-party integration options
Simple installation	Tool-free operation via push-in spring connections
	LEDs indicate power and network connection status
Simple startup	Remotely configurable / upgradeable
	Luum app commissions devices on the mesh network
	Unique IPv6 address
Energy Code	Complies with ASHRAE 90.1-2016 and CA Title 24 requirements
Warranty	5-year limited warranty with uninterrupted connection of the Luum Border Router device from a network

WIRING DIAGRAM



C. Common (use a common wire for all inputs)
1. Input 1
2. Input 2
3. Input 3
4. Input 4
5. Input 5
6. Input 6
V IN. 9-26VDC, polarity-protected input (see electrical specifications).

*Based on clear line of sight. Interior obstructions may limit range.

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TECHNICAL SPECIFICATIONS

Category	Specification	XWS-SW6
COMMUNICATION	Wireless Transmit Range	Up to 200 feet to nearest mesh connected device
	Communication Protocol	Embedded 6LoWireless
	Encryption	AES 128-bit
MECHANICAL	Dimensions	67.2 mm x 52.1 mm x 26.8 mm (2.7 in x 2.1 in x 1.1 in)
	Wire Colors	Current model: Grey Discontinued model: Brown (common), Red (in 1), Orange (in 2), Yellow (in 3), Green (in 4), Blue (in 5), Violet (in 6) NOTE: Wires must be terminated with traditional wire nuts. Wago snap style wire nuts will cause wires to break.
	Finish	White Matte
	Enclosure	Type 2
	Mounting	2 x 4.255 mm mounting holes
ELECTRICAL	Input Voltage	9-26VDC, polarity protected
	Input	Up to 6 standard programmable dry-contact inputs
ENVIRONMENT	Installation Environment	Commercial, Indoor/Covered
	Temperature Range	-15 °C to +55 °C (5 °F to 130 °F)
GENERAL	Standards / Ratings	FCC
	Compliance	Device contributes to Luum system compliance with ASHRAE 90.1-2016 and CA Title 24 requirements
	Warranty	5-year limited warranty with continuous cloud connection

Note: Actual performance may vary as a result of end-user environment and application.

*Based on clear line of sight. Interior obstructions may limit range.

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