

Product sheet

GST - Relay



Making buildings smart

Description

The GST-Relay is a small smart wireless control module with a 16A relay and Wieland GST pluggable installation connectors.

With a GST-Relay, you can easily switch on/off any device with a maximum of 16A including inductive loads.

Technical summary

Mymesh is a fully mesh wireless network protocol in which the applied Mymesh components communicate with each other and automatically organise themselves into a fully integrated wireless sensor- and control network, resulting in a robust and scalable smart control system that inherently is the foundation for a smart building network.

Special features

- Switching of a wide range of lamps, LEDs and devices with a maximum of 16A including inductive loads.
- 50% to 60% additional energy savings with automatic light control using motion detection.

Easy Installation & commissioning

- Simple Wieland GST pluggable installation.
- The GST-Relay module clips into an included bracket which is secured with one screw or blind rivet.
- On-the-fly (re)commissioning with the Mymesh Bluetooth Gateway and Mymesh Commissioning app available in the Apple App store for iPad.

Network features

- Wireless, stand-alone network that is self-organizing and self-healing
- 2.4GHz communication for reliable data transfer
- Secure by design
- Ultra scalable to > 10,000 devices in one network
- Updates and new functionality can be installed with Over-The-Air updates.
- Cloud interface (REST API) available to connect with Building Automation Systems, dashboards, user apps and more.

Optional

- Connect to the Mymesh Management System for remote control, monitoring and management applications
- Connect to the Building Automation System for seamless integration with the buildings technical installations
- Connect to third party dashboards and apps

This product sheet is subject to change without notice.

Device Information

Connections		Environment	
Power Supply	Single phase 230VAC (+/- 10% 50Hz)	Operating Temp.	-25° to + 45°C
Mains input connector	GST18I3L S1H SW	Relative Humidity	10% to 90%
Mains output connector	GST18I3L B1H WS	Installation Height	Max. 2000m above sea level
Max. switching current	16A (AC)		
Protection degree		Certification	
GST-Relay	IP20	ETSI EN 300 440	
		ETSI EN 300 328	
		ETSI EN 301 489-01/03/17	
		IEC EN 62368-1	
		RED / CE / UKCA	
Safety		Housing	
Class II, Double insulation		LxWxH	120.75mm x 49.42mm x 24.37mm
Overvoltage category II		Weight	Approx. 127 gram
Surge protection (1KV L/N)		Material	ABS PA-765
		Colour	White
Energy Consumption		Radio	
Typical	0.2W	Band	2.4GHz ISM band
Order Information			
GST-Relay	BLC.1803.001		

