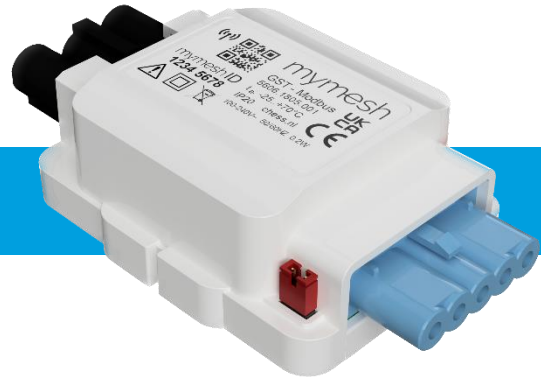


Product sheet

GST - Modbus



Making buildings smart

Description

The GST - Modbus is a mains powered smart wireless Modbus control module with 24VDC power supply for a Modbus damper or valve actuator.

With a GST - Modbus you can easily control per zone an individual damper actuator, 2-way or 6-way valve actuator. Modbus is used for communication between the actuator with flow sensor and the GST - Modbus module. A wide range of HVAC applications is supported like VAV end devices and control valves for heating and cooling coils.

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

The GST-Modbus offers the possibility to connect intelligent dampers and valves, whereby multiple signals (such as measured flow, measured temperature, failures etc.) are available to optimize control and maintenance.

Easy Installation & commissioning

- Simple Wieland GST pluggable installation.
- The GST - Modbus 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 + 70°C
24VDC output	3.0W max.	Relative Humidity	10% to 90%
Mains input connector	GST18 3L S1H SW	Installation Height	Max. 2000m above sea level
24VDC - Modbus connector	GST15 5L B1H W BL02		
Protection degree		Certification	
GST-Modbus	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	90mm x 49.42mm x 24.17mm
Overvoltage category II		Weight	Approx. 92 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-Modbus	BLC.1805.001		