

## Product sheet

# GST - DALI



## Making buildings smart

### Wirelessly control any make or type luminaire

The GST-DALI is a small smart lighting module with a single controller for DALI drivers and Wieland GST pluggable installation connectors.

With a GST-DALI you can easily control any DALI dimmable luminaire including DALI Type 8 (DT8) for Tuneable white and RGB(W) control. Also, remote monitoring of DALI emergency lighting is supported by the GST-DALI.

### 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

- Dimming and switching of a wide range of lamps and LEDs
- 50% to 60% additional energy savings with automatic light control using motion detection and daylight harvesting
- Data logging of DALI dimmable and emergency lighting drivers

### Easy Installation & commissioning

- Simple Wieland GST pluggable installation.
- The GST-DALI 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
- Low energy consumption by using the latest RF technology
- Updates and new functionality can be installed with Over-The-Air updates.
- Cloud interface (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	
<b>Rated input voltage</b>	100 - 240VAC, 50/60Hz	<b>Operating Temp.</b>	-25° to + 70°C
<b>Input voltage range</b>	85 - 265VAC, 47 - 63Hz	<b>Relative Humidity</b>	10% to 90%
<b>DALI</b>	Master output (maximum of 3 slaves)	<b>Installation Height</b>	Max. 2000m above sea level
<b>Mains input connector</b>	GST18I3L S1H SW		
<b>DALI output connector</b>	GST15I2L B1H W PB01		
Protection degree		Certification	
<b>GST-DALI</b>	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		<b>LxWxH</b>	92mm x 49.42mm x 20.17mm
Overvoltage category II		<b>Weight</b>	Approx. 78.5 grams
Surge protection (1KV L/N)		<b>Material</b>	ABS PA-765
		<b>Colour</b>	White
Energy Consumption		Radio	
<b>Typical</b>	0.2W	<b>Band</b>	2.4GHz ISM band
Order Information			
<b>GST-DALI</b>	BLC.1802.001		