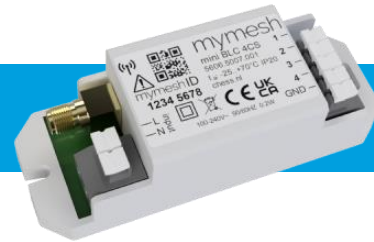


## Product sheet

# Mini BLC-4CS



## Making buildings smart

### Description

The Mini BLC-4CS is a small smart wireless module with four digital inputs, and four configurable control functions.

The 4CS can be used as a voltage free contact sensor to log alarms, door contacts, water detection sensors, overflow sensors etc to the Mymesh Management System or a third party cloud platform.

Second the 4CS can be used as a digital input switch to connect third party devices like switches to your Mymesh network. All of our sensor or actuator functions can be commissioned as configurable control functionality of the 4CS.

### 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.

### Easy Installation & commissioning

The Mini BLC-4CS is small enough to fit into almost anything and its separate antenna makes up for extra flexibility.

The installation of the Mini BLC-4CS is kept simple with two mounting slots. The wiring can be fixed and covered by an optional strain relief.

- Simple installation, no additional cables.
- 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 (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 (140 - 340VDC)	<b>Operating Temp.</b>	-25° to + 70°C
<b>Input voltage range</b>	85 - 265VAC, 47 - 63Hz (120 - 370VDC)		
<b>Wiring</b>	1.5 mm <sup>2</sup>	<b>Relative Humidity</b>	10% to 90%
<b>Antenna</b>	SMA Female	<b>Installation Height</b>	Max. 2000m above sea level
Protection degree		Certification	
<b>Mini BLC-4CS</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>	84mm x 30mm x 24.9mm
Overvoltage category II		<b>Weight</b>	Approx. 50 grams
Surge protection (1KV L/N)		<b>Material</b>	ABS PA-765
		<b>Colour</b>	RAL 9003 White
Energy Consumption		Radio	
<b>Typical</b>	0.2W	<b>Band</b>	2.4GHz ISM band
Order Information			
<b>Mini BLC-4CS</b>	BLC.5027.001		
<b>Strain relief Mini BLC</b>	BLC.1612.001		