Product sheet

Micro BLC Industrial DALI

Making buildings smart

Description

The Micro BLC Industrial DALI is a for industry optimised IP67 smart lighting module. The device enables you to wirelessly connect and control a DALI dimmable luminaire within professional and demanding environments.

Technical summary

The Micro BLC Industrial DALI is powered via the driver's 12 -24VDC always-on auxiliary power supply.

The Micro BLC Industrial DALI supports a DALI dimmable luminaire including DALI Type 8 (DT8) for Tuneable white and RGB(W) control.

The Aohua 7pin contra connector to be connected to the drivers' 12Vaux/DALI cable (soldered connections).

Not compliant for LED drivers with common mode chokes.

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

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	
Power Supply	12-24 VDC
DALI	Master output (maximum of 1 slave)
Aohua AH-M20-0207MFZ01112	Female connector 7pin

Environment	
Operating Temp.	-25˚ to + 70˚C
Relative Humidity	10% to 90%
Installation Height	Max. 2000m above sea level

Protection degree	
Micro BLC Industrial DALI	IP67

Certification
ETSI EN 300 440
ETSI EN 300 328
ETSI EN 301 489-01/03/17
IEC EN 62368-1
RED / CE / UKCA

Order information	
Micro BLC Industrial DALI	BLC.6603.001
Aohua AH-M20-0207MFZ01112	5606.6522.001

Housing	
LxWxH	67.40mm x 26.75mm x 27.75mm
Weight	44 gram
Material	ABS
Colour	Black

Energy consumption	
Typical	0.2 Watt

Radio	
Band	2.4GHz ISM band