Item description

The WAGO DALI MSensor 02 is used with WAGO DALI Modules (753-647 DALI Multi-Master Module or 750-641 DALI/DSI Module). It has been designed for the following principal applications:

- Individual offices

- Open-plan offices

- Training/presentation rooms

- Corridors, passageways and garages

The Multi-Sensor features both motion and light sensor. It may also be operated with an optional remote control from Tridonic. The sensor enables both motion detection and daylight-dependent lighting control, both of which can also be deactivated. Addressing is performed via rotary switch or WAGO DALI Configurator. Parameters can be adjusted individually using the configurator.

Power supply is provided via the DALI line.

Subject to changes. Please also observe the further product documentation!

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

The number of sensors, which can be operated on a DALI line, depends on the total power consumption of the specific devices and the address range for the actuators and sensors. Due to the capacity of the DALI bus, a maximum of 16 DALI sensor couplers may be operated on a DALI Multi-Master Module (753-647).

Installation notes:

- The DALI MSensor 02 is supplied directly via DALI line.

- DALI is not SELV (Safety Extra Low Voltage). The installation instructions for mains voltage therefore apply.

- The sensor's detection range must be within the lighting area of the controlled luminaires.

- The sensors' detection ranges must not overlap as this may impair the lighting control.

- When installed at a height other than the recommended installation height (2.5 m), the presence and light sensor might show different characteristics. If installed at a greater height, the sensitivity is reduced; the range is also reduced when installed at a lower height.

- Heaters, fans, printers and copiers located in the detection range may cause incorrect presence detection.

Data
Technical data

Current consumption (typ.)	6 mA from DALI line
Power supply	via DALI line

Material Data

Weight	90 g

Environmental requirements

Ambient temperature (operation)	0 … +50 °C
Ambient temperature (storage)	-25 … +55 °C
Protection type	IP20

Commercial data

Product Group	31 (building automation components)
eCl@ss 10.0	27-14-31-44
eCl@ss 9.0	27-14-31-44
ETIM 8.0	EC001582
ETIM 7.0	EC001582
PU (SPU)	1 pcs
Packaging type	box
Country of origin	SK

Subject to changes. Please also observe the further product documentation!

GTIN	4050821708384
Customs tariff number	90318080000

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
CE	**EU-Declaration of Conformity** WAGO GmbH & Co. KG	-	-

Downloads
Documentation

Data sheet

2851-8301, 2851-8302, 2851-8303, DALI Multi-Sensor, data sheet		pdf 315.8 kB	Download

Bid Text

2851-8303 X81 - Datei	2019 Feb 19	xml 7.4 kB	Download
2851-8303 doc - Datei	2017 Jul 11	doc 34.3 kB	Download

Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download

Application Notes

Application Note CoDeSys 2.3

Application note: DALI 753-647 Configuration Interface	1.0.2 2019 Apr 29	zip 3.1 MB	Download

Subject to changes. Please also observe the further product documentation!

This application note describes the WAGO DALI Configurator, the integration of the DALI visualization for configuring various sensor types and the implementation in a program.

CAD/CAE-Data

CAE data

WSCAD Universe 2851-8303	URL	Download

Installation Notes

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