



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

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



The Multi-Sensor features both motion and light sensor. The sensor 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 via WAGO DALI Configurator.

Power supply is provided via the DALI line.

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 must be operated on the 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 detection range of the sensor must be within the lighting area of the controlled luminaires.
- The detection ranges of the sensors 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	93 g
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Environmental Requirements

Surrounding air (operating) temperature	0 ... 50 °C
Surrounding air (storage) temperature	-25 ... 55 °C
Protection class	IP20

Commercial data

Packaging type	BOX
Country of origin	SK
GTIN	4050821708353
Customs Tariff No.	90318080000

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

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Counterpart

Downloads

Documentation

Data sheet

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

Bid Text

2851-8301	Feb 19, 2019	xml	Download
X81 - Datei		7.5 kB	

2851-8301	Jul 11, 2017	doc	Download
doc - Datei		34.3 kB	

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf	Download
		265.8 kB	

Application Notes

Application Note CoDeSys 2.3

Application note: DALI 753-647 Configuration Interface	V1.0.2	zip	Download
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.	Apr 29, 2019	3.1 MB	

CAD/CAE-Data

CAE data

WSCAD Universe 2851-8301	URL	Download
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