



Dimensions in mm

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.

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.

#### Technical data

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

#### Material data

Fire load	0 MJ
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
GTIN	4050821708384
Customs tariff number	90318080000

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Approvals / Certificates**

**Declarations of conformity and manufacturer's declarations**

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

**Downloads**

**Environmental Product Compliance**

<b>Compliance Search</b>	
Environmental Product Compliance 2851-8303	<a href="#">↓</a>

**Documentation**

<b>Bid Text</b>			
2851-8303	11.07.2017	doc 33.50 KB	<a href="#">↓</a>
2851-8303	19.02.2019	xml 7.26 KB	<a href="#">↓</a>

### Application Notes

#### Application Note CoDeSys 2.3

Application note: DALI	1.0.2	zip	↓
753-647 Configuration	29.04.2019	3032.71 KB	
Interface			

### CAD/CAE-Data

#### CAE data

WSCAD Universe	↓
2851-8303	