Item description

The WAGO DALI Multi-Sensor Kit is paired with the WAGO 753-647 DALI Multi-Master Module and includes the following three components:

- DALI Sensor Coupler (also available individually)

- ECO-CI Kit

- MULTI-3-CI Sensor

The DALI Sensor Coupler connects the MULTI-3-CI Sensor to a DALI bus system. For this, the MULTI-3-CI Sensor is connected to the DALI Sensor Coupler via RJ-10 socket. DALI terminals connect the DALI Sensor Coupler to both the DALI network and WAGO DALI Module. The ECO-CI Kit contains two covers, which can be used as touch guards and strain relief for cables within the ceiling installation of the DALI Sensor Coupler. The MULTI-3-CI Sensor has a motion and light sensor, enabling both motion detection and daylight-dependent lighting control. Power supply to the DALI Sensor Coupler is provided via DALI line. The DALI Sensor Coupler transmits measured values from the connected sensor channels as telegrams to the WAGO DALI Module via DALI line. Parameters can be adjusted individually via WAGO DALI Configurator. 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).

Mounting

Sensor Connection

The MULTI-3-CI Sensor is connected to a 4-pole RJ-10 socket (4P4C), which is marked as "Sensor" on the housing cover.

For easy connection, the sensor plug is equipped with a quick-connect latch. Only one MULTI-3-CI Sensor must be connected to sensor coupler.

Ceiling Installation

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

For installation outside of a lighting fixture (e.g., suspended ceiling), the ECO-CI Kit must also be attached to both sides of the unit to ensure strain relief and touch protection. The DALI Sensor Coupler can also be installed in lighting fixtures. The installation spaces available in lighting fixtures can be used, as the dimensions correspond to those of an electronic ballast.

Note:

The DALI Sensor Coupler is also available individually, allowing the unit to be combined with other multi-sensor models from Osram.

Data

Technical data

Power supply	via DALI line

Connection data

Strip length	85 mm / 3.35 inches

Physical data

Width	30 mm / 1.181 inches
Height	21 mm / 0.827 inches
Depth	118 mm / 4.646 inches

Material Data

Weight	100 g

Environmental requirements

Ambient temperature (operation)	0 … +50 °C
Ambient temperature (storage)	-25 … +70 °C
Protection type	IP20

Commercial data

Product Group	31 (building automation components)
ETIM 8.0	EC001582
ETIM 7.0	EC001582
PU (SPU)	10 (1) pcs
Packaging type	box
Country of origin	QU
GTIN	4050821708186
Customs tariff number	85371098990

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

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

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
C E	**EU-Declaration of Conformity** WAGO GmbH & Co. KG	-	-

Downloads
Documentation

Data sheet

2851-8201, 2851-8202, WAGO DALI Multi-Sensor Kit, data sheet		pdf 215.0 kB	Download

Bid Text

2851-8201 X81 - Datei	2019 Feb 19	xml 8.1 kB	Download
2851-8201 doc - Datei	2017 Jul 11	doc 37.4 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

CAD/CAE-Data

CAE data

WSCAD Universe 2851-8201		URL	Download

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Installation Notes

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