

## PRODUCT FAMILY DATASHEET

### CV Dimmers with DALI



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#### AREAS OF APPLICATION

- Suitable for indoor installations
- Separate installation (ceiling mounting)

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#### PRODUCT FAMILY BENEFITS

- Very precise dimming thanks to digital light control

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#### PRODUCT FAMILY FEATURES

- Intelligent digital dimmer (DALI) with constant output voltage
- Dimming range: 0...100 %
- Device fits also for special applications where dimming below 1 % is required

**TECHNICAL DATA**

**Electrical data**

Product description	Nominal voltage	Mains frequency	ECG efficiency	Power loss in stand-by mode	Nominal output voltage	Nominal output power
OTi DALI DIM	10...24 V	0 Hz	97 % <sup>1)</sup>	<1 W	10.5...24 V	120 W

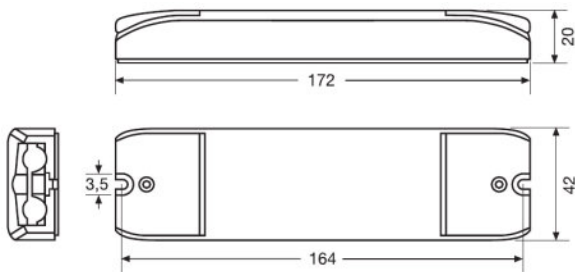
Product description	Galvanic isolation
OTi DALI DIM	SELV equivalent

<sup>1)</sup> At full load

**Dimensions & weight**

Product description	Length	Width	Height	Product weight
OTi DALI DIM	172.0 mm	42.0 mm	20.0 mm	75.00 g

**Product line drawing**



OTi DALI DIM

**Colors & materials**

Product description	Casing material
OTi DALI DIM	Plastic

**Temperatures & operating conditions**

Product description	Ambient temperature range	Maximum temperature at tc test point	Permitted rel. humidity during operation
OTi DALI DIM	-20...+50 °C	60 °C	5...85 % <sup>1)</sup>

<sup>1)</sup> Maximum 56 days/year at 85 %

**Lifespan**

Product description	ECG lifetime
OTi DALI DIM	50000 h

**Additional product data**

Product description	Encapsulated
OTi DALI DIM	No

**Capabilities**

Product description	Dimmable	Dimming interface	Dimming range	Dimming method
OTi DALI DIM	Yes	DALI	0...100 %	DALI or Touch DIM/Touch DIM Sensor

Product description	Overheating protection	Overload protection	No-load proof	Suitable for fixtures with prot. class
OTi DALI DIM	Automatic reversible <sup>1)</sup>	Automatic reversible <sup>1)</sup>	Yes	II

Product description	Type of connection, output side
OTi DALI DIM	Screw terminal

<sup>1)</sup> In combination with OPTOTRONIC power supply

**Certificates & standards**

Product description	Approval marks – approval
OTi DALI DIM	CE / UR / RCM

Product description	Standards	Type of protection
OTi DALI DIM	Acc. to EC 61347-2-13/Acc. to EN 62384/Acc. to EN 55015/Acc. to EN 61547	IP20

**Logistical data**

Product description	Temperature range at storage
OTi DALI DIM	-25...85 °C

**APPLICATION ADVICE**

For more detailed application information and graphics please see product datasheet.




**SALES AND TECHNICAL SUPPORT**

Sales and Technical Support [www.ledvance.com](http://www.ledvance.com)

**COUNTRY SPECIFIC INFORMATION**

Product description	Product code	METEL code	SEG number	STK number	UK Org
OTi DALI DIM	4008321061195	OSROTIDALIDIM	7980174	4031178	-

**DOWNLOAD DATA**

File
 User instruction OPTOTRONIC CONSTANT VOLTAGE dimmers
 Addon Technical Information 313227_ADDON TECHNICAL INFORMATION OTI DALI DIM10-24 VS20 OSRAM (GB)
 Certificates 20179C1-355535-EN-00

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321061201	Shipping carton box 20	351 mm x 77 mm x 222 mm	1780.00 g	6.00 dm <sup>3</sup>

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

**DISCLAIMER**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.