

PRODUCT DATASHEET OTi DALI DIM

CV Dimmers with DALI



AREAS OF APPLICATION

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

PRODUCT FAMILY BENEFITS

- Very precise dimming thanks to digital light control

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

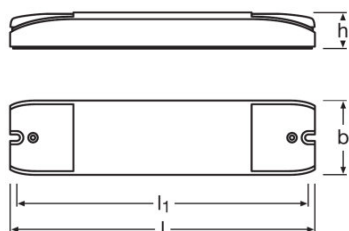
TECHNICAL DATA

Electrical data

Nominal voltage	10...24 V
Mains frequency	0 Hz
ECG efficiency	97 % ¹⁾
Power loss in stand-by mode	<1 W
Nominal output voltage	10.5...24 V
Nominal output power	120 W
Galvanic isolation	SELV equivalent

¹⁾ At full load

Dimensions & weight



Length	172.0 mm
Width	42.0 mm
Height	20.0 mm
Mounting hole spacing, length	164.0 mm
Cable cross-section, input side	0.75...1.5 mm ²
Cable cross-section, output side	0.75...1.5 mm ²
Product weight	75.00 g
Wire preparation length, input side	10 mm
Wire preparation length, output side	10 mm

Colors & materials

Casing material	Plastic
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Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	60 °C
Permitted rel. humidity during operation	5...85 % ¹⁾

¹⁾ Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	50000 h
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Additional product data

Encapsulated	No
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Capabilities

Dimmable	Yes
Dimming interface	DALI
Dimming range	0...100 %
Dimming method	DALI or Touch DIM/Touch DIM Sensor
Overheating protection	Automatic reversible ¹⁾
Overload protection	Automatic reversible ¹⁾
No-load proof	Yes
Suitable for fixtures with prot. class	II
Type of connection, output side	Screw terminal

¹⁾ In combination with OPTOTRONIC power supply




Certificates & standards

Approval marks – approval	CE / UR / RCM
Standards	Acc. to EC 61347-2-13/Acc. to EN 62384/Acc. to EN 55015/Acc. to EN 61547
Type of protection	IP20

Logistical data

Temperature range at storage	-25...85 °C
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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
4008321061195	Unpacked 1	170 mm x 21 mm x 43 mm	75.00 g	0.15 dm ³

4008321061201	Shipping carton box 20	351 mm x 77 mm x 222 mm	1780.00 g	6.00 dm ³
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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.