

# PRODUCT DATASHEET

## OTi DALI DIM /10-24

## CV Dimmers with DALI | CV Dimmers with DALI



## Areas of application

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

## Product benefits

- Very precise dimming thanks to digital light control

## Product 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

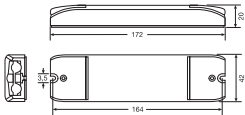
TECHNICAL DATA

Electrical data

Nominal wattage	120.00 W
Nominal output power	120 W
Nominal voltage	10...24 V
Nominal output voltage	10,5...24 V
Input voltage AC	10,5...24 V <sup>1)</sup>
Input voltage DC	9,5...25 V
Nominal current	5 A
Mains frequency	0 Hz
ECG efficiency	97 % <sup>2)</sup>
Device power loss	2,6 W
Galvanic isolation	SELV equivalent
Operating frequency	350 Hz
Power loss in stand-by mode	< 1 W

- 1)  $V_{DC}$   
2) At full load

Dimensions & Weight



Length	172.00 mm
Mounting hole spacing, length	164,0 mm
Width	42.00 mm
Height	20.00 mm
Cable cross-section, input side	0.75...1.5 mm <sup>2</sup>
Cable cross-section, output side	0.75...1.5 mm <sup>2</sup>
Wire preparation length, input side	10 mm
Wire preparation length, output side	10 mm
Product weight	75.00 g

Colors & materials

Product color	White
Casing material	Plastic

Body material	Plastic
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### Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	60 °C
Max.housing temperature in case of fault	100 °C
Permitted rel. humidity during operation	5...85 % <sup>1)</sup>

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

### Lifespan

ECG lifetime	50000 h
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### Additional product data

Encapsulated	No
Number of control outputs	1

### Capabilities

Dimmable	Yes
Dimming interface	DALI
Dimming range	0...100 %
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
No-load proof	Yes
Suitable for fixtures with prot. class	II
Type of connection, output side	Screw terminal
Number of control outputs	1




### 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
Protection class	II
Type of protection	IP20

### LOGISTICAL DATA

Temperature range at storage	-25...85 °C
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### DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	OPTOTRONIC CONSTANT VOLTAGE dimmers
	Declarations of conformity	2017/9C1-3555535-EN-00
	Certificates	OTi DALI DIM - 10-24

## 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 <sup>3</sup>
4008321061201	Shipping 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.