

OT BLE DIM

CV dimmers with Bluetooth



Product family features

- Wireless 5-channel dimmer, with output voltage of 12, 24 and 48 $\rm V$
- Control of LED modules up to 12 A
- Wireless module based on Bluetooth Low Energy

Product family benefits

- Control of white, Tunable White, RGB, RGBW and RGBTW LED modules
- Independent housing for ceiling installation
- Support of systems based on CASAMBI lighting control solutions
- Minimal installation effort
- Dry contacts for optional connection to any commercial pushbutton

Areas of application

- Suitable for indoor installations
- Shops and hospitality: retail, hotels, restaurants
- Museums, residential buildings

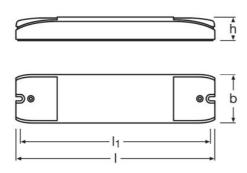
Product datasheet

Technical data

Electrical data

Nominal input voltage	1224 V
Nominal output voltage	1224 V
U-OUT (working voltage)	24 V
Nominal output power	240 W
Galvanic isolation	Non isolated
Device power loss	<0.5 W

Dimensions & weight



Mounting hole spacing, length	164.0 mm
Mounting length	164.0 mm
Product weight	20000 g
Cable cross-section, input side	0.51.5 mm²
Cable cross-section, output side	0.51.5 mm²
Wire preparation length, input side	10 mm
Wire preparation length, output side	10 mm
Length	1720 mm
Width	420 mm
Height	200 mm

Colors & materials

Casing material	Plastic
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Temperatures & operating conditions

Ambient temperature range	-20+45 °C
Maximum temperature at tc test point	65 °C
Temperature range at storage	-40+85 °C

Product datasheet

Permitted rel. humidity during operation	585 % ¹⁾
Max.housing temperature in case of fault	110 °C

 $^{^{1)}\,\}mathrm{Maximum}$ 56 days/year at 85 %

Lifespan

ECG lifetime	50000 h ¹⁾
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¹⁾ At T $_{case}$ = 65°C at T $_{c}$ point / 10% failure rate

Capabilities

Dimmable	Yes
Dimming interface	Bluetooth Low Energie
Dimming range	0100 %
Dimming method	Pulse Width Modulation
Overheating protection	Yes ¹⁾
Overload protection	Yes ¹⁾
No-load proof	Yes
Suitable for fixtures with prot. class	III
Type of connection, output side	Screw terminal
Number of channels	4

 $^{^{1)}}$ In combination with OPTOTRONIC power supply

Certificates & standards

Approval marks – approval	CE
Standards	Acc. to EN 55015/Acc. to EN 61547/Acc. to EN 61347- 2-11/Acc. to ETSI EN 300 328/Acc. to ETSI EN 301 489-17
Type of protection	IP20
Protection class	Ш

Logistical data

Commodity code 85371098990

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)		
Date of Declaration	12-02-2022	
Primary Article Identifier	4052899557833	
Declaration No. in SCIP database	In work	

Product datasheet

Download Data

	File
Z	User instruction OPTOTRONIC LED Power Supply
Z	User instruction OPTOTRONIC LED Power Supply
7	Product Datasheet Product datasheet OT BLE DIM (EN)
Z	Brochures OPTOTRONIC constant-voltage LED power supplies and controls (EN)
Z	Brochures Light is smart color control - Intuitive light management (EN)
7	Declarations of conformity EU Declaration of Conformity 3595862
i	CAD data 3-dim OT BLE DIM _ 3D igs file

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899557833	OT BLE DIM	Shipping carton box 20	351 mm x 222 mm x 68 mm	5.30 dm ³	4530.00 g

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.