OSRAM

OT WI DIM 5CH CA

CV dimmers with Bluetooth

Product family features

– Wireless 5-channel dimmer, with output voltage of 12, 24 and 48 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

Technical data

Electrical data

Nominal input voltage	12...48 V
Nominal output voltage	12...48 V
U-OUT (working voltage)	48 V
Nominal output power	576 W [1]
Galvanic isolation	Non isolated
Output PWM frequency	2 500 Hz

[1] 144 W @ 12 V288 W @ 24 V576 W @ 48 V

Dimensions & weight

Mounting hole spacing, length	175 mm
Product weight	7100 g
Cable cross-section, input side	0.2...1.5 mm²
Cable cross-section, output side	0.2...1.5 mm²
Wire preparation length, input side	9.0...10.0 mm
Wire preparation length, output side	9.0...10.0 mm
Length	1860 mm
Width	290 mm
Height	220 mm

Colors & materials

Casing material	Plastic

Temperatures & operating conditions

Ambient temperature range	-10+60 °C
Maximum temperature at tc test point	75 °C [1]
Temperature range at storage	-40...60 °C
Permitted rel. humidity during operation	5...85 % [2]
Max.housing temperature in case of fault	115 °C

[1] Measured on tc point indicated of the product label.

[2] Non-condensing

Capabilities

Dimmable	Yes
Dimming range	0.8...100 %
Dimming method	Pulse Width Modulation
Overheating protection	Yes [1]
Overload protection	Yes [1]

Product datasheet

Short-circuit protection	Yes
Intended for no-load operation	No
Suitable for fixtures with prot. class	I / II
Type of connection, output side	Push terminal
Number of channels	5

1) In combination with OPTOTRONIC power supply

Certificates & standards

Approval marks – approval	CE / UKCA
Standards	Acc. to EN 55015/Acc. to EN 61547/Acc. to EN 61347-1/Acc. to EN 61347-2-13
Type of protection	IP20
Protection class	III

Logistical data

Commodity code	85044095900

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	30-11-2023
Primary Article Identifier	4062172382274
Declaration No. in SCIP database	In work

Download Data

	File
	User instruction OPTOTRONIC LED Power Supply OT Wi DIM 12 48 5CH CA

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172382274	OT WI DIM 5CH CA	Shipping carton box 20	351 mm x 222 mm x 68 mm	5.30 dm³	1841.00 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.

Product datasheet

Disclaimer

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