

## PRODUCT FAMILY DATASHEET

### CV Dimmers with 1...10 V



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#### AREAS OF APPLICATION

- Suitable for indoor SELV installations

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#### PRODUCT FAMILY BENEFITS

- 1...10 V control port basic isolated

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#### PRODUCT FAMILY FEATURES

- Intelligent analog dimmer (1...10 V) with constant output voltage
- Dimming range: 0...100 %
- Cable clamp housing for independent mounting
- Device fits also for special applications where dimming below 1 % is required

**TECHNICAL DATA**

**Electrical data**

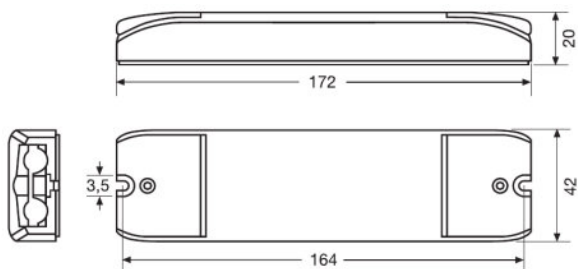
Product description	Nominal voltage	Mains frequency	ECG efficiency	Power loss in stand-by mode	Nominal output voltage	Nominal output power
OT DIM	10...24 V	0 Hz	96 %	<0.5 W	10.5...24 V	120 W

Product description	Galvanic isolation
OT DIM	SELV equivalent

**Dimensions & weight**

Product description	Length	Width	Height	Product weight
OT DIM	172.0 mm	42.0 mm	20.0 mm	81.00 g

**Product line drawing**



OT DIM

**Colors & materials**

Product description	Casing material
OT DIM	Plastic

**Temperatures & operating conditions**

Product description	Ambient temperature range	Maximum temperature at tc test point	Permitted rel. humidity during operation
OT DIM	-20...+50 °C	70 °C	5...85 % <sup>1)</sup>

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

**Lifespan**

Product description	ECG lifetime
OT DIM	50000 h

**Additional product data**

Product description	Encapsulated
OT DIM	No

**Capabilities**

Product description	Dimmable	Dimming interface	Dimming range	Dimming method
OT DIM	Yes	1...10 V	0...100 %	Amplitude Modulation / Pulse Width Modulation

Product description	Overheating protection	Overload protection	Short-circuit protection	No-load proof
OT DIM	Automatic reversible <sup>1)</sup>	Automatic reversible <sup>1)</sup>	Automatic reversible <sup>1)</sup>	Yes

Product description	Suitable for fixtures with prot. class	Type of connection, output side
OT DIM	II	Screw terminal

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

**Certificates & standards**

Product description	Approval marks – approval
OT DIM	CE / UR / VDE / VDE-EMC

Product description	Standards	Type of protection
OT DIM	Acc. to EN 55015/Acc. to EN 61547/Acc. to EN 61046/Acc. to IEC 61347-2-2/Acc. to UL 508	IP20

**Logistical data**

Product description	Temperature range at storage
OT 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
OT DIM	4050300943459	OSROTDIM	7980171	4031170	-

**DOWNLOAD DATA**

File
 Addon Technical Information 313229_ADDON TECHNICAL INFORMATION OT DIM VS20 OSRAM (GB)
 Certificates 729533_Certificate OT DIM 10-24
 Declarations of conformity 334844_Declaration of conformity &#150; OT Dimmer &#150; OT Sequencer

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300943466	Shipping carton box 20	355 mm x 78 mm x 225 mm	1654.20 g	6.23 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.