

CV Dimmers with 1...10 V



Areas of application

- Suitable for indoor SELV installations

Product family benefits

- 1...10 V control port basic isolated

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

Product family datasheet

Technical data

Electrical data

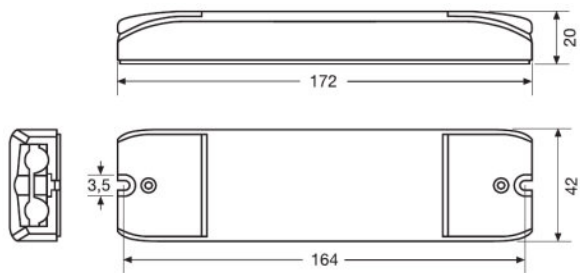
Product description	Nominal input voltage
OT DIM	10...24 V

Dimensions & weight

Product description	Mounting hole spacing, length	Mounting length	Product weight	Cable cross-section, input side	Cable cross-section, output side
OT DIM	164.0 mm	164.0 mm	81.00 g	0.5...1.5 mm ²	0.5...1.5 mm ²

Product description	Wire preparation length, input side	Wire preparation length, output side	Width	Height	Length
OT DIM	10 mm	10 mm	42.0 mm	20.0 mm	172.0 mm

Product line drawing



OT DIM

Product family datasheet

Colors & materials

Product description	Casing material
OT DIM	Plastic

Temperatures & operating conditions

Product description	Ambient temperature range	Maximum temperature at tc test point	Temperature range at storage	Permitted rel. humidity during operation
OT DIM	-20...+50 °C	70 °C	-25...85 °C	5...85 % ¹⁾

¹⁾ Maximum 56 days/year at 85 %

Lifespan

Product description	ECG lifetime
OT DIM	50000 h

Certificates & standards

Product description	Approval marks – approval	Standards	Type of protection
OT DIM	CE / UR / VDE / VDE-EMC	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	Commodity code
OT DIM	853710989900

Application advice

For more detailed application information and graphics please see product datasheet.

Sales and Technical Support

Sales and Technical Support www.osram.com




Country specific information

Product description	Product code	METEL code	SEG-No.	STK number	UK Org
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Product family datasheet

OT DIM	4050300943459	OSROTDIM	-	4031170	-
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Download Data

File	
	Addon Technical Information 313229_ADDON TECHNICAL INFORMATION OT DIM VS20 OSRAM (GB)
	Brochures OPTOTRONIC constant-voltage LED power supplies and controls (EN)
	Declarations of conformity 334844_Declaration of conformity – OT Dimmer – OT Sequencer

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300943459	OT DIM	Shipping carton box 20	355 mm x 78 mm x 225 mm	6.23 dm ³	1654.20 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.