

CV Dimmers with DALI



Areas of application

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

Product benefits

- Safety requirement due to overload, overtemperature, short-circuit protection

Product features

- Intelligent digital dimmer (DALI) with constant output voltage
- Dimming range: 0.1...100 %
- Device fits also for special applications where dimming below 1 % is required

Product family datasheet

Technical data

Electrical data

Product description	Nominal voltage	Mains frequency	ECG efficiency	Power loss in stand-by mode	Nominal output voltage	Nominal output power
OTi DALI DIM	10...24 V	0 Hz	97 % ¹⁾	<1 W	10.5...24 V	120 W

Product description	Galvanic isolation
OTi DALI DIM	SELV equivalent

¹⁾ At full load

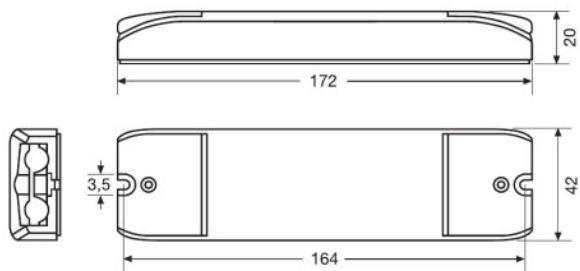
Dimensions & weight

Product description	Length	Width	Height	Mounting hole spacing, length	Mounting length	Product weight
OTi DALI DIM	172.0 mm	42.0 mm	20.0 mm	164.0 mm	164.0 mm	75.00 g

Product description	Cable cross-section, input side	Cable cross-section, output side	Wire preparation length, input side	Wire preparation length, output side
OTi DALI DIM	0.5...1.5 mm ²	0.5...1.5 mm ²	10 mm	10 mm

Product family datasheet

Product line drawing



OTi DALI DIM

Colors & materials

Product description	Casing material
OTi DALI DIM	Plastic

Temperatures & operating conditions

Product description	Ambient temperature range	Maximum temperature at tc test point	Permitted rel. humidity during operation
OTi DALI DIM	-20...+50 °C	60 °C	5...85 % ¹⁾

¹⁾ Maximum 56 days/year at 85 %

Lifespan

Product description	ECG lifetime
OTi DALI DIM	50000 h

Product family datasheet

Additional product data

Product description	Encapsulated
OTi DALI DIM	No

Capabilities

Product description	Dimmable	Dimming interface	Dimming range	Dimming method
OTi DALI DIM	Yes	DALI	0.1...100 %	Amplitude Modulation / Pulse Width Modulation

Product description	Overheating protection	Overload protection	No-load proof	Suitable for fixtures with prot. class
OTi DALI DIM	Automatic reversible ¹⁾	Automatic reversible ¹⁾	Yes	II

Product description	Type of connection, output side
OTi DALI DIM	Screw terminal

¹⁾ In combination with OPTOTRONIC power supply

Certificates & standards

Product description	Approval marks – approval
OTi DALI DIM	CE / UR / RCM

Product description	Standards	Type of protection
OTi DALI DIM	Acc. to EC 61347-2-13/Acc. to EN 62384/Acc. to EN 55015/Acc. to EN 61547	IP20

Logistical data

Product description	Temperature range at storage
OTi DALI 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.osram.com

Product family datasheet

Country specific information

Product description	Product code	METEL code	SEG-No.	STK number	UK Org
OTi DALI DIM	4008321061195	OSROTIDALIDIM	-	4031178	-

Download Data

File
 Addon Technical Information 313227_ADDON TECHNICAL INFORMATION OTI DALI DIM10-24 VS20 OSRAM (GB)
 Certificates 20179C1-3555535-EN-00

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321061195	OTi DALI DIM	Shipping carton box 20	351 mm x 77 mm x 222 mm	6.00 dm ³	1780.00 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.