

OT DMX 3X1 RGB DIM

CV Dimmers with DMX



Areas of application

- Suitable for indoor installations
- Luminaire installation and separate or top-hat rail mounting

Product benefits

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

Product features

- Intelligent DMX dimmer with multi-channel topology and single control
- Automatic or manual addressing
- Device fits also for special applications where dimming below 1 % is required

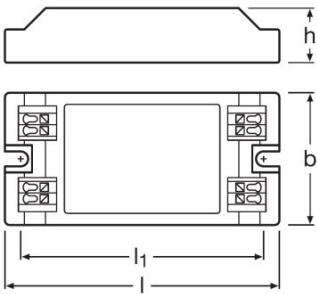
Technical data

Electrical data

Nominal voltage	10...24 DC V
Mains frequency	0 Hz
ECG efficiency	97 % ¹⁾
Power loss in stand-by mode	<1,5 W
Nominal output voltage	10.5...24 V
Nominal output power	72 W
Galvanic isolation	SELV equivalent

¹⁾ At full load

Dimensions & weight



Length	80.0 mm
Width	40.0 mm
Height	22.0 mm
Mounting hole spacing, length	164.0 mm
Mounting length	164.0 mm
Product weight	240.00 g
Cable cross-section, input side	0.5...1.5 mm ²
Cable cross-section, output side	0.5...1.5 mm ²
Wire preparation length, input side	10 mm
Wire preparation length, output side	10 mm

Colors & materials

Casing material	Plastic
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Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
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Product datasheet

Maximum temperature at tc test point	60 °C
Permitted rel. humidity during operation	5...85 %

Lifespan

ECG lifetime	50000 h
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Additional product data

Encapsulated	No
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Capabilities

Dimmable	Yes ¹⁾
Dimming interface	DMX
Dimming range	0...100 %
Dimming method	Amplitude Modulation / Pulse Width Modulation
Overheating protection	Yes ²⁾
Overload protection	Automatic reversible ²⁾
Short-circuit protection	Automatic reversible ²⁾
No-load proof	Yes
Suitable for fixtures with prot. class	II
Type of connection, output side	Push terminal

¹⁾ 3 channel PWM output

²⁾ 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
Type of protection	IP20

Logistical data

Temperature range at storage	-40...85 °C
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Download Data

File	
	Declarations of conformity Declaration of conformity_OT Dimmer_OT Sequencer
	Operating instructions Operating instructions_OT DMX 3x1 RGB DIM

Logistical Data

Product datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321279835	OT DMX 3X1 RGB DIM	Shipping carton box 10	129 mm x 92 mm x 110 mm	1.31 dm ³	509.80 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.