

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

Technical data

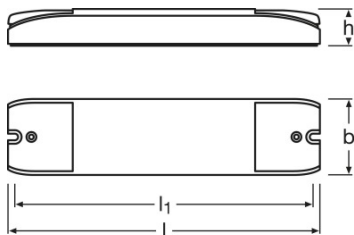
Electrical data

Output power	144 W
Input voltage	10.5...24 V ¹⁾
Mains frequency	0 Hz
Output voltage	10.5...24 V
Nominal voltage	10...24 V
Device power loss	4.0 W
ECG efficiency	97 % ²⁾
Galvanic isolation primary/secondary	3.75 kV

¹⁾ V_{DC}

²⁾ At full load

Dimensions & weight



Length	172.0 mm
Width	42.0 mm
Mounting hole spacing, length	164.0 mm
Height	20.0 mm
Product weight	78.00 g
Cable cross-section, input side	0.75...1.5 mm ²
Cable cross-section, output side	0.75...1.5 mm ²
Wire preparation length, input side	10 mm

Colors & materials

Casing material	Plastic
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Temperatures

Ambient temperature range	-20...+50 °C
Temperature range at storage	-40...85 °C

Product datasheet

Maximum temperature at tc test point	70 °C
Max.housing temperature in case of fault	110 °C

Lifespan

ECG lifetime	50000 h
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Capabilities

Dimmable	Yes ¹⁾
Dimming range	0...100 %
Suitable for fixtures with prot. class	II
Overheating protection	Yes ²⁾
Overload protection	Automatic reversible ²⁾
Short-circuit protection	Automatic reversible ²⁾
No-load proof	Yes
Maximum wiring length ECG/lamp	-

¹⁾ 3 channel PWM output

²⁾ In combination with OPTOTRONIC power supply

Certificates & standards

Type of protection	IP20
Standards	acc. to EN 55015/acc. to EN 61547/acc. to EN 61347
Approval marks – approval	CE / UR

Download Data

File	
	Addon Technical Information ADDON TECHNICAL INFORMATION OPTOTRONIC OT DMX RGB1024 DIM VS20 OSRAM (GB)
	Product Datasheet OPTOTRONIC OT DMX RGB DIM
	Declarations of conformity Declaration of conformity OT Dimmer OT Sequencer
	On-Pack-Info OT DMX RGB DIM (GB)

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4008321160829	RGB DIM	Shipping carton box 20	222 mm x 76 mm x 351 mm	5.92 dm ³	1840.00 g

Product datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
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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.