

CV Dimmers with DALI



- Intelligent digital dimmer (DALI) with constant output voltage
- Dimming range: 0...100 %
- Device fits also for special applications where dimming below 1 % is required

- Very precise dimming thanks to digital light control

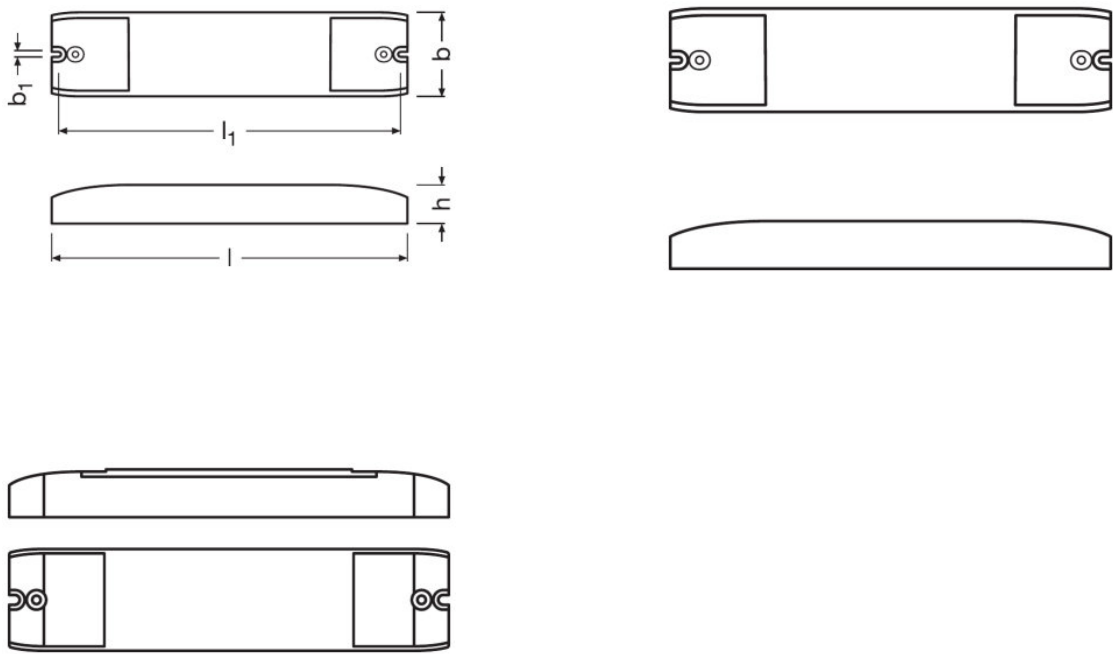
- Suitable for indoor installations
- Separate installation (ceiling mounting)

Technical data

Electrical data

Nominal input voltage	12...48 V
Nominal output voltage	12...48 V
Nominal output power	240 W
Galvanic isolation	SELV
Output PWM frequency	3 k Hz

Dimensions & weight



Mounting hole spacing, length	175.5 mm
Product weight	8600 g
Cable cross-section, input side	0.5...2.5 mm ²
Cable cross-section, output side	0.5...2.5 mm ²
Wire preparation length, input side	5...8 mm
Wire preparation length, output side	5...8 mm
Length	1810 mm
Width	420 mm
Height	200 mm

Colors & materials

Casing material	Plastic
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Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	60 °C
Temperature range at storage	-40...+85 °C
Permitted rel. humidity during operation	5...85 % ¹⁾
Max.housing temperature in case of fault	110 °C

¹⁾ Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	50000 h
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Additional product data

Encapsulated	No
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Capabilities

Dimmable	Yes
Dimming interface	DALI-2 / Corridor / Touch DIM
Dimming range	1...100 %
Dimming method	PWM
Overheating protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Suitable for fixtures with prot. class	I / II
Type of connection, input side	Screw terminal
Type of connection, output side	Screw terminal
Number of channels	4

Certificates & standards

Approval marks – approval	CE / EAC / RCM / ENEC 05
Standards	Acc. to EC 61347-2-13/Acc. to EN 62384/Acc. to EN 55015/Acc. to EN 61547
Type of protection	IP20
Protection class	II

Logistical data

Commodity code	85371098990
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	19-05-2023
Primary Article Identifier	4062172166010
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	54346234-b0d6-40e6-b128-c4d9b7f4767a

Download Data

File	
	User instruction OTi DALI DIM 1 4CH D UI
	Product Datasheet OTi DALI DIM 1 4 CH D TDS 310821
	Certificates ENEC certificate OTi DALI DIM 1-4CH D
	CAD data 3-dim 3D STEP file
	CAD data 3-dim OTi DALI DIM 1-4CH D _ 3D stp file

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172166010	OTi DALI DIM 1-4CH D	Shipping carton box 20	229 mm x 197 mm x 133 mm	6.00 dm ³	2088.00 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.