

PRODUCT DATASHEET OTi DALI DIM 1-4CH D

CV Dimmers with DALI | Constant Voltage - Indoor - dimmable



Areas of application

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

Product benefits

- Very precise dimming thanks to digital light control

Product features

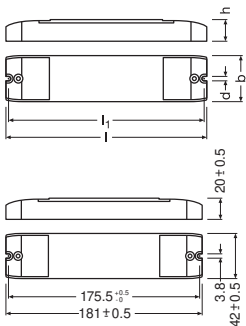
- Intelligent digital dimmer (DALI) with constant output voltage
- Dimming range: 0...100 %
- Device fits also for special applications where dimming below 1 % is required

TECHNICAL DATA

Electrical data

Nominal wattage	120.00 W
Nominal output power	240 W
Nominal voltage	12...48 V
Nominal output voltage	12...48 V
Mains frequency	0 Hz
Galvanic isolation	SELV

Dimensions & Weight



Length	181.00 mm
Mounting hole spacing, length	175.5 mm
Width	42.00 mm
Height	20.00 mm
Cable cross-section, input side	0,5...2,5 mm ²
Cable cross-section, output side	0,5...2,5 mm ²
Product weight	86.00 g

Colors & materials

Casing material	Plastic
Body material	Plastic

Temperatures & operating conditions

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

¹⁾ Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	50000 h
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Capabilities

Dimmable	Yes
Dimming interface	DALI-2
Dimming range	0.1...100 %
Overheating protection	Automatic reversible
No-load proof	Yes
Short-circuit protection	Automatic reversible
Suitable for fixtures with prot. class	I / II
Type of connection, output side	Screw terminal





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
Protection class	II
Type of protection	IP20

LOGISTICAL DATA

Temperature range at storage	-40...+85 °C
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DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	21136688 OTi DALI DIM 1 4CH D UI
	Declarations of conformity	OTi DALI DIM 1-4CH D
	Declarations of conformity UKCA	OTi DALI DIM 1-4CH D
	Certificates	OTi DALI DIM 1-4CH D

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4062172166010	Unpacked 1		86.00 g	
4062172166027	Shipping box 20	229 mm x 197 mm x 133 mm	2088.00 g	6.00 dm ³

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.