OT DALI 25/220-240/24
DALI-addressable converter

Technical data

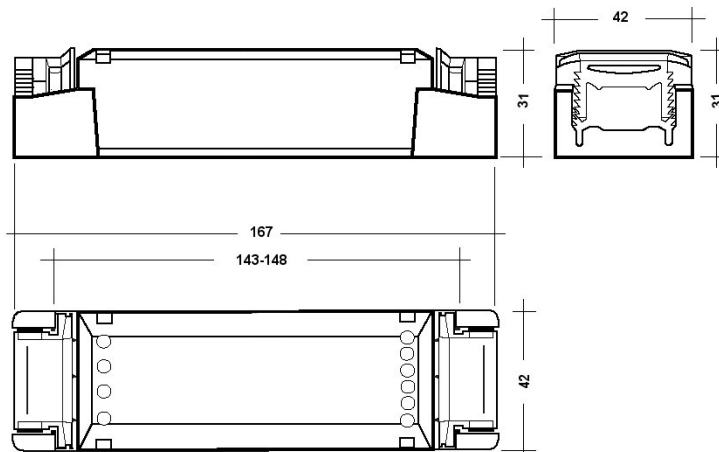|	
Reference	OT DALI 25/220-240/24
For LED modules:	With respect to the output conditions: LINEARlight Flex, COINlight, LINEARlight colormix and appropriate modules
Line voltage, nominal:	220-240 V
Perm. voltage fluctuations:	198-254 V
Line current, nominal:	0,13 A_{eff}
Line frequency:	0/50/60 Hz
Output voltage:	DC voltage 24 V
Max. module wattage:	Three outputs with 8W each
Efficiency:	82 %
Losses:	max. 3 W
DC voltage operation:	Yes, 200-240 V_{DC}*
Safety:	EN 61347
Radio interference:	EN 55015
Harmonic content:	EN 61000-3-2
Immunity:	EN 61547
Temperature range:	-25 °C to +45 °C
Galvanic insulation between primary and secondary side:	4 kV_{eff} (SELV)
Non-load proof:	Yes
Short circuit protection:	Autom. shutoff, reversible
Overload protection:	Yes (reversible)
Overheating protection:	Yes (reversible)
Connections:	Terminal screws
Primary:	One pair of cable clamp for mains and DALI
Wire cross section, primary:	0,5 mm² to 1,5 mm² massive leads 0,5 mm² to 1 mm² flexible leads
Secondary:	5 terminals for LED modules with cable clamp
Wire cross section, secondary:	0,5 mm² to 1,5 mm² massive leads 0,5 mm² to 1 mm² flexible leads
Max. length of secondary output wiring :	10 m
Geometry (l x b x h):	167 mm x 42 mm x 31 mm
Approvals:	CE

*after the start an operation down to 160 V_{DC} is possible

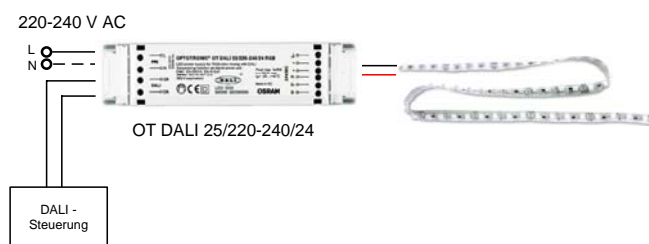OSRAM

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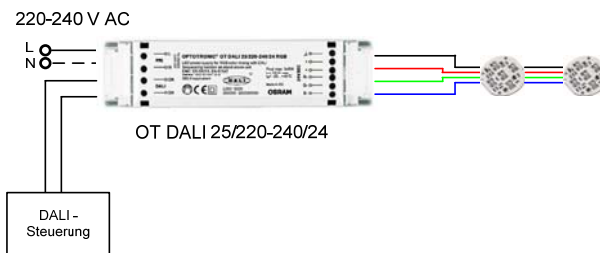
Technical
Information
Edition: April 2008
Subject to change

Geometry

Wiring diagram

DALI controlled illumination

220-240 V AC

OT DALI 25/220-240/24

DALI - Steuerung

DALI controlled RGB- colormixing

220-240 V AC

OT DALI 25/220-240/24

DALI - Steuerung

Features

- 1 DALI input
- 3 addressable output, pre-set to:
  Red: address   0
  Green: address   1
  Blue: address   2
- full DALI-functionality, like 3 independent ECG
- individual colors can be stored as a scene

If no DALI is connected: the unit is operating in sequencing mode, pre-set by production, adjustable through DALI control. This sequence could be programmed with DALI: Up to 15 colors of one sequence could be saved as a scene. In the 16th scene the fade time between the discrete colors could be saved. If the DALI signal is disconnected, the programmed sequence could be started after a main reset.

OSRAM