

OTi DALI 75/220...240/24 1...4 CH

CV Power supplies with DALI



Areas of application

- Suitable for luminaires of protection classes I and II
- Suitable for separate mounting
- Suitable for indoor applications

Product benefits

- Flexible addressing via DALI

Product features

- 4 channel DALI converter
- Dimming range: 0...100 % luminous flux

Technical data

Electrical data

Output power	75 W ¹⁾
Input voltage	198...254 V ²⁾
Mains frequency	50...60 Hz
Output voltage	24 V ³⁾
Power loss in stand-by mode	<1 W
Nominal voltage	220...240 V
Nominal current	0.37 A ⁴⁾
Device power loss	8.5 W ⁵⁾
Power factor λ	0.95/0.90 ⁶⁾
ECG efficiency	89 % ⁷⁾
Inrush current	35.6 A ⁸⁾
Max. no. of ECGs on circuit breaker 10 A	7
Max. no. of ECGs on circuit breaker 16 A	12
Galvanic isolation primary/secondary	3.75 kV ⁹⁾
Surge capability (L-N)	2 kV

1) Partial load 0...75 W

2) Permitted voltage range

3) +1.0/-0.5 V

4) At 230 V

5) Maximum

6) Full load at 230 V/Half load at 230 V/Minimum

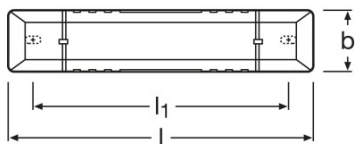
7) At full load and 230 V

8) $t_{width} = 270 \mu s$ (measured at 50 % I_{peak})

9) SELV-equivalent

Dimensions & weight

Product datasheet



Product line drawing

Length	220.0 mm
Width	46.2 mm
Height	43.6 mm
Product weight	350.00 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	6.0 mm

Colors & materials

Casing material	Plastic
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Temperatures

Ambient temperature range	-20...+50 °C
Temperature range at storage	-40...85 °C
Maximum temperature at tc test point	75 °C ¹⁾
Max.housing temperature in case of fault	110 °C

¹⁾ Maximum at the Tc-point

Lifespan

ECG lifetime	50000 h ¹⁾
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¹⁾ At tcase = 70°C at tc point / 10 % failure rate

Capabilities

Dimmable	Yes
Dimming range	0...100 %
Suitable for fixtures with prot. class	II
Dimming interface	DALI / Touch DIM

Product datasheet

Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Maximum wiring length ECG/lamp	10 m

Certificates & standards

Type of protection	IP20
Standards	acc. to IEC 61347-1/acc. to IEC 61347-2-13/acc. to IEC 62384/acc. to EN 55015/acc. to IEC 61000-3-2/acc. to IEC 61547/acc. to IEC 62386-101
Approval marks – approval	CE / ENEC 10 / VDE / VDE-EMC / GOST / C-Tick

Wiring Diagram



Wiring diagram

Equipment / Accessories





- Suitable for 24 V LED modules

Product datasheet



Wiring diagram

Download Data

File	
	Product Datasheet ADDON TECHNICAL INFO OPTOTRONIC OTi DALI 75220-24024
	Certificates OT VDE ENEC marks approval (G)
	Certificates VDE-EMC-Certificate OT_OTe_OTp_OT Fit_OTi
	Declarations of conformity Declaration of conformity OTi DALI 75220-24024 1-4

Logistical Data

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.