

## OPTOTRONIC OTi DALI 75/220-240/24 1-4 CH

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

### Product benefits

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- Flexible addressing via DALI

### Product features

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

## Technical data

### Electrical data

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

<sup>1)</sup> At 230 V

<sup>2)</sup> Permitted voltage range

<sup>3)</sup> +1.0/-0.5 V

<sup>4)</sup> Maximum

<sup>5)</sup> Partial load 0...75 W

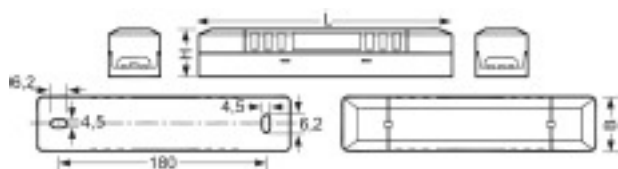
<sup>6)</sup>  $t_{width} = 270 \mu s$  (measured at 50 %  $I_{peak}$ )

<sup>7)</sup> Full load at 230 V/Half load at 230 V/Minimum

<sup>8)</sup> SELV-equivalent

### Dimensions & weight

Maximum cable length – system	10 m
Length	220.0 mm
Width	46.2 mm
Height	43.6 mm
Product weight	350.00 g
Cable cross-section, output side	0.5...2.5 mm <sup>2</sup>
Cable cross-section, input side	0.5...2.5 mm <sup>2</sup>



Product line drawing with numbers

### Temperatures

<b>Ambient temperature range</b>	-20...+50 °C
<b>Operating temperature</b>	75 °C <sup>1)</sup>
<b>Max.housing temperature in case of fault</b>	110 °C

<sup>1)</sup> Maximum at the Tc-point

### Lifespan

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

### Additional product data

<b>ECG efficiency</b>	89 %
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**Capabilities**

<b>Dimming interface</b>	DALI
<b>Dimming range</b>	0...100 %
<b>Dimmable</b>	Yes
<b>Overload protection</b>	Automatic reversible
<b>Overtemperature protection</b>	Automatic reversible
<b>Short-circuit protection</b>	Automatic reversible
<b>Suitable for fixtures with prot. class</b>	I / II

**Certificates & standards**

<b>Approval marks – approval</b>	CE / ENEC 10 / VDE
<b>Type of protection</b>	IP20

## Equipment / Accessories

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- Suitable for 24 V LED modules



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*Wiring diagram*

**Logistical Data**

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<b>Product code</b>	<b>Packaging unit (Pieces/Unit)</b>	<b>Dimensions (height x width x length)</b>	<b>Gross weight</b>	<b>Volume</b>
4008321371560	Folding carton box 1	66 mm x 63 mm x 227 mm	303.00 g	0.94 dm <sup>3</sup>
4008321371577	Shipping carton box 20	265 mm x 247 mm x 348 mm	6395.00 g	22.78 dm <sup>3</sup>

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## Disclaimer

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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.