

## OT FIT 25/220...240/300 D LT2 L

OPTOTRONIC FIT D LT2 L | Linear / Area Constant Current – Non dimmable



### Areas of application

- Linear lighting for office, education, industry, storage areas and retail
- Installation in emergency lighting systems according to IEC 61347-2-13, appendix J
- Suitable for installation in emergency lighting systems according to EN 60598-2-22
- Suitable for luminaires of protection class I

### Product family benefits

- Flexible current setting (LEDset2)
- Lifetime: up to 100,000 h (temperature at  $T_C = 65\text{ °C}$ , max. 10 % failure rate)
- High quality of light thanks to low output ripple current
- Very high efficiency
- Fulfill safety requirement due to overload, overtemperature, Hot Plug protection

### Product family features

- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Versatile scope of application due to output power range of up to 120 W
- Supply voltage: 220...240 V
- Available with output current range: up to 750 mA
- Non-isolated drivers

# Product datasheet

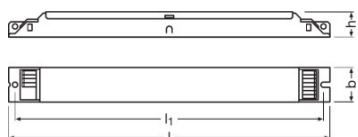
## Technical data

### Electrical data

Nominal input voltage	220...240 V
Mains frequency	50/60 Hz
Input voltage AC	198...264 V
Input voltage DC	176...276 V
Current set	LEDset
Total harmonic distortion	10...20 %
Power factor $\lambda$	> 0.94
ECG efficiency	up to 90 %
Device power loss	3.0 W
Inrush current	-
Max. ECG no. on circuit breaker 10 A (B)	63
Max. ECG no. on circuit breaker 16 A (B)	100
Max. ECG no. on circuit breaker 25 A (B)	-
Surge capability (L/N-Ground)	2 kV
Surge capability (L-N)	1 kV
Nominal output voltage	40...216 V
U-OUT (working voltage)	40...216 V
Nominal output current	35...300 mA <sup>1)</sup>
Output current tolerance	±5 %
Output ripple current (100 Hz)	< 5 %
Nominal output power	2...25 W
Galvanic isolation	Non isolated

<sup>1)</sup> ±5%

### Dimensions & weight



Mounting hole spacing, length	270.0 mm
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## Product datasheet

Product weight	153.00 g
Cable cross-section, input side	0.5...1.5 mm <sup>2</sup>
Cable cross-section, output side	0.5...1.5 mm <sup>2</sup>
Wire preparation length, input side	8.5...9.5 mm
Wire preparation length, output side	8.5...9.5 mm
Length	280.0 mm
Width	30.0 mm
Height	21.0 mm

### Colors & materials

Casing material	Metal
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### Temperatures & operating conditions

Ambient temperature range	-25...+60 °C
Maximum temperature at tc test point	75 °C
Max.housing temperature in case of fault	110 °C
Temperature range at storage	-40...85 °C
Permitted rel. humidity during operation	5...85 % <sup>1)</sup>

<sup>1)</sup> Maximum 56 days/year at 85 %

### Lifespan

ECG lifetime	50000 / 100000 h <sup>1)</sup>
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<sup>1)</sup> At maximum  $T_c = 75^\circ\text{C}$  / 10% failure rate / At  $T_c = 65^\circ\text{C}$  / 10% failure rate

### Additional product data

Encapsulated	No
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### Capabilities

Dimmable	No
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Max. cable length to lamp/LED module	2.0 m
Suitable for fixtures with prot. class	I
Suitable for emergency lighting	Yes
Type of connection, output side	Push terminal
Number of channels	1

## Product datasheet








### Certificates & standards

Approval marks – approval	CE / EL / VDE-EMC / ENEC 10 / CCC / RCM
Standards	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 62384/Acc. to EN 61000-3-2/Acc. to EN 61000-3-3/Acc. to EN 61547
Protection class	I
Type of protection	IP20

### Logistical data

Commodity code	850440829000
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### Download Data

File
 User instruction OPTOTRONIC LED Power Supply
 Certificates VDE EMC Certificate 40011668
 Certificates VDE ENEC Certificate 40038085
 Certificates CCC Certificate 2018171002002243
 Declarations of conformity EU Declaration of Conformity 3461268 (EN)
 Declarations of conformity EATON(CEAG) Conformity declaration &nbsp;AM10893_OT_FIT_25_220-240_300_D_LT2_L
 Declarations of conformity INOTEC Conformity declaration AM10893_OT_FIT_25_220-240_300_D_LT2_L

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899990289	OT FIT 25/220...240/300 D LT2 L	Shipping carton box 20	305 mm x 161 mm x 104 mm	5.11 dm <sup>3</sup>	3237.00 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.