

## PRODUCT DATASHEET

### OT FIT 35/220...240/350 D NFC L

OPTOTRONIC FIT D NFC 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 and future-proof current setting via NFC (Near Field Communication)
- Lifetime: up to 100,000 h (temperature at  $T_c = 65\text{ °C}$ , max. 10 % failure rate)
- High quality of light thanks to <1% output ripple current
- Very high efficiency
- Fulfill safety requirement due to overload, overtemperature protection

#### PRODUCT FAMILY FEATURES

- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Versatile scope of application due to output power range of up to 75 W
- Supply voltage: 220...240 V
- Available with output current range: up to 550 mA
- Non-isolated drivers

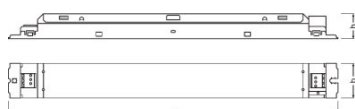
**TECHNICAL DATA**

Electrical data

Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Input voltage AC	198...264 V
Power factor $\lambda$	> 0.95
ECG efficiency	up to 93 %
Device power loss	4.0 W
Inrush current	30 A
Max. ECG no. on circuit breaker 10 A (B)	19
Max. ECG no. on circuit breaker 16 A (B)	30
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	54...216 V
Nominal output current	75...350 mA <sup>1)</sup>
Nominal output power	6.1...35 W

<sup>1)</sup> ±5%

Dimensions & weight



Length	280.0 mm
Width	30.0 mm
Height	21.0 mm
Mounting hole spacing, length	270.0 mm
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>
Product weight	180.00 g
Wire preparation length, input side	8.0...9.0 mm

## Temperatures &amp; operating conditions

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

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

## Lifespan

<b>ECG lifetime</b>	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

<b>Encapsulated</b>	No
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## Capabilities

<b>Dimmable</b>	No
<b>Overheating protection</b>	Automatic reversible
<b>Overload protection</b>	Automatic reversible
<b>Short-circuit protection</b>	Automatic reversible
<b>No-load proof</b>	Yes
<b>Max. cable length to lamp/LED module</b>	2.0 m
<b>Suitable for fixtures with prot. class</b>	I




## Certificates &amp; standards

<b>Approval marks – approval</b>	CE / EL / ENEC 10 / VDE-EMC / CCC / RCM
<b>Standards</b>	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
<b>Type of protection</b>	IP20

## Logistical data

<b>Temperature range at storage</b>	-40...+85 °C
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## DOWNLOAD DATA

File	
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet Product datasheet OT FIT 35 NFC
	Certificates 730563_VDE Certificate

	Certificates VDE ENEC Certificate 40038085
	Certificates VDE EMC Certificate 40044675 (EN)
	Certificates OT EMC 40050085 200220
	Declarations of conformity EU Declaration of Conformity 3694918
	Declarations of conformity EATON(CEAG)-Conformity declaration AM10972 OT FIT 35220-240350 D NFC L
	Declarations of conformity INOTEC-Conformity declaration AM10972 OT FIT 35220-240350 D NFC L
	CAD data CAD data IGS OT FIT 35,75D NFC L
	CAD data CAD data STEP OT FIT 35,75D NFC L
	CAD data OT FIT D NFC L IGS 251119
	CAD data OT FIT D NFC L STEP 251119
	CAD Data 2-dim OT FIT D NFC L CAD2PDF 251119
	CAD data 3-dim OT FIT D NFC L CAD3PDF 251119
	CAD data PDF CAD data PDF OT FIT 35,75D NFC L

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899990166	Unpacked 1	- x - x -	215.00 g	
4052899990173	Shipping carton box 20	305 mm x 161 mm x 104 mm	3777.00 g	5.11 dm <sup>3</sup>

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.