

## PRODUCT DATASHEET

### OT FIT 35/220...240/700 CS L G2

OPTOTRONIC FIT CS L G2 | 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 luminaires of protection class I

#### PRODUCT FAMILY BENEFITS

- Flexible current setting (DIPswitch – 4 currents)
- Lifetime: up to 100,000 h (temperature at  $T_c = 65\text{ °C}$ , max. 10 % failure rate)
- High efficiency
- High quality of light thanks to low output ripple current
- 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 75 W
- Supply voltage: 220...240 V
- Available with output current range: up to 1,400 mA
- SELV system

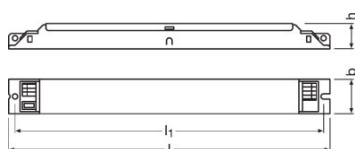
**TECHNICAL DATA**

Electrical data

Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Input voltage AC	198...264 V <sup>1)</sup>
Power factor $\lambda$	0.98
ECG efficiency	$\leq 86$ %
Device power loss	5.8 W
Inrush current	16 A
Max. ECG no. on circuit breaker 10 A (B)	21
Max. ECG no. on circuit breaker 16 A (B)	34
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	27...51 V
Nominal output current	500 / 600 / 650 / 700 mA
Nominal output power	13.5...35.7 W
Galvanic isolation primary/secondary	-

<sup>1)</sup> Permitted voltage range

— 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	205.00 g
Wire preparation length, input side	8.5...9.5 mm

## Temperatures &amp; operating conditions

Ambient temperature range	-25...+50 °C
Maximum temperature at tc test point	80 °C
Max.housing temperature in case of fault	110 °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	Non-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




## Certificates &amp; standards







Approval marks – approval	CE / EL / ENEC 10 / VDE-EMC / 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
Type of protection	IP20

## Logistical data

Temperature range at storage	-25...85 °C
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## DOWNLOAD DATA

File	
	User instruction OT FIT 35 55 75 220-240 D LT2 L
	Product Datasheet OT FIT 35220&#150;240700 CS L G2
	Certificates VDE ENEC Certificate 40046756

	Certificates VDE EMC Certificate 40046714
	Certificates INOTEC Certificate OT FIT 35700 CS L G2
	Certificates INOTEC Certificate OT FIT 35700 CS L G2 appendix
	Declarations of conformity 711957_Declaration of Conformity OT FIT CS L
	Declarations of conformity EU Declaration of Conformity 3666934
	Declarations of conformity INOTEC- Conformity declaration AM04351_OT_FIT_35_220-240_700_CS_L_EL

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899522541	Shipping carton box 20	303 mm x 159 mm x 101 mm	4419.00 g	4.87 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.