

OT FIT 150/220-240/12 P IN

OPTOTRONIC FIT 12V P | Constant Voltage – Non dimmable



Areas of application

- Signage lighting, channel letter lighting, luminous ceilings, etc...
- Suitable for indoor and outdoor SELV equivalent installations

Product family benefits

- Small housing design
- Versatile scope of application due to output power range of up to 300 W
- Robust and durable design for outdoor application

Product family features

- Suitable for Class I/II luminaires
- SELV, Vout: 12.5 V
- Wide ta range -40 °C...+70 °C
- Driver with output power range of up to 300 W
- High efficiency up to 91 %
- Smart Power Supply
- THD <5 % at full load
- High IP protection (IP66 / IP67)
- High surge protection: up to 6 kV (L-N) / 6 kV (L/N-PE)
- High surge protection: up to 6 kV (L-N) / 10 kV (L/N-PE) (IN version)
- Short-circuit, overload and overtemperature protection
- Lifetime: up to 50,000 h (temperature at T_c = 80 °C, max. 10 % failure rate)
- Mains voltage: 220 – 240 VAC
- IN version only for India

Product datasheet

Technical data

Electrical data

Nominal output power	150 W
Mains frequency	50...60 Hz
Nominal voltage	220...240 V
Nominal current	0.85 A
Device power loss	14.8 W
Power factor λ	0.95 ¹⁾
ECG efficiency	91 % ²⁾
Inrush current	55 A ³⁾
Nominal output voltage	12.5 V
Input voltage AC	180...280 V
Output ripple Voltage (100 Hz)	< 3 % ⁴⁾

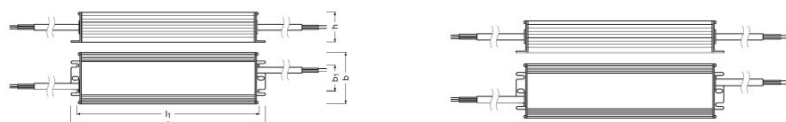
¹⁾ Typical, Full load, 230 VAC, 50 Hz / 60 Hz

²⁾ At full load and 230 V / At 50 Hz

³⁾ At Full Load, 240VAC, Cold StartDuration=500uS 50%Ipk – 50%Ipk

⁴⁾ ripple @ 100 Hz / full load

Dimensions & weight



Length	202.0 mm
Width	53.0 mm
Height	31.5 mm
Mounting hole spacing, length	188.0 mm
Mounting hole spacing, width	27.0 mm
Product weight	920.00 g

Temperatures & operating conditions

Ambient temperature range	-40...+50 °C ¹⁾
Permitted rel. humidity during operation	5...85 % ²⁾

Product datasheet

1) At fullload, Tc not exceeded

2) Maximum 56 days/year at 85 %

Capabilities

Suitable for fixtures with prot. class	I / II
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Dimmable	No
Number of channels	1

Programming

Tuner4TRONIC	No
Tuner4TRONIC Field App	No



Certificates & standards

Type of protection	IP66/IP67
Standards	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 55015/Acc. to EN 61547/Acc. to EN 61000-3-2/Acc. to EN 61000-3-3/Acc. to EN 60598-1/Acc. to EN 62384
Approval marks – approval	CE / ENEC / RCM / BIS

Logistical data

Commodity code	850440829000
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Download Data

File
 User instruction OPTOTRONIC LED Power Supply
 Declarations of conformity OT FIT 12P CE 4192443 02 130220

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172133524	OT FIT 150/220-240/12 P IN	Shipping carton box 15	349 mm x 284 mm x 153 mm	15.16 dm ³	14185.00 g

Product datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	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.