

OT FIT 18/220...240/350 D CS L

OPTOTRONIC FIT D CS L (Dip Switch) EL | Linear / Area Constant Current – Non dimmable



A termék jellemzői

- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Wide output current range
- Lifetime: up to 100,000 h (temperature at $T_c = 65^\circ\text{C}$, max. 10 % failure rate)

A termék előnyei

- Flexible current setting (DIPswitch – 6 currents)
- Higher quality of light thanks to low output ripple current
- User flexibility with six different output currents from one driver
- Safety requirement due to overload, overtemperature, short-circuit protection
- Long reliable life at maximum permitted temperatures
- Enable slim fixture design with flat 21 mm height metal housing

Alkalmazási területek

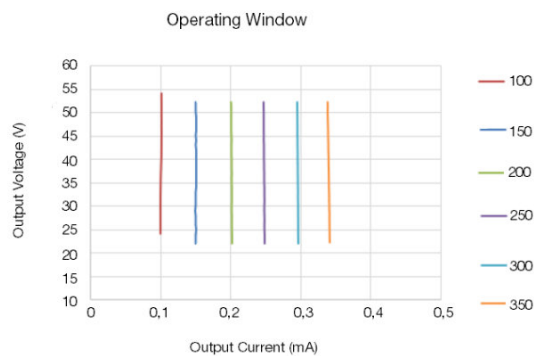
- Suitable for luminaires of protection class I
- Installation in emergency lighting systems according to IEC 61347-2-13, appendix J
- Suitable for installation in emergency lighting systems according to EN 60598-2-22

Műszaki adatok

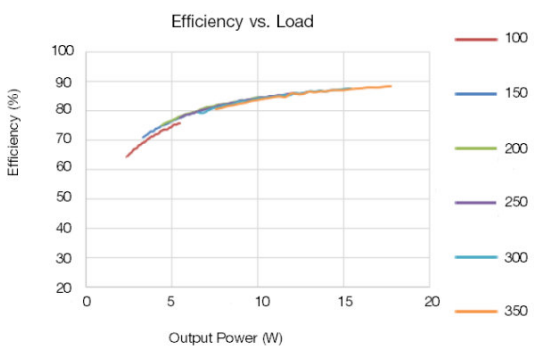
Elektromos adatok

Névleges bemeneti feszültség	220...240 V
Hálózati frekvencia [calc.]	0/50/60 Hz
Bemeneti feszültség, AC	198...264 V
Current set	DipSwitch
Teljesítménytényező, λ	078C097
Efficiency in full-load	86 % ¹⁾
Készülék vesztesége	3.08 W ²⁾
Bemelegedési áram	7.4 A ³⁾
Megszakítón megengedett előtét db 10 A (B)	40
Megszakítón megengedett előtét db 16 A (B)	64
Lökőfeszültség-állóság, (L/N-föld)	2 kV ⁴⁾
Lökőfeszültség-állóság, (L-N)	1 kV
Névleges kimeneti feszültség	32...54 V
Névleges kimeneti áram	100 / 150 / 200 / 250 / 300 / 350 mA ⁵⁾
Output PSTLM	≤1
Output SVM	≤0.4
Névleges kimeneti teljesítmény	5...18.9 W ⁶⁾
Legnagyobb kimenő teljesítmény	18.9 W
Kimeneti ripple áram (100 Hz)	< 3 %

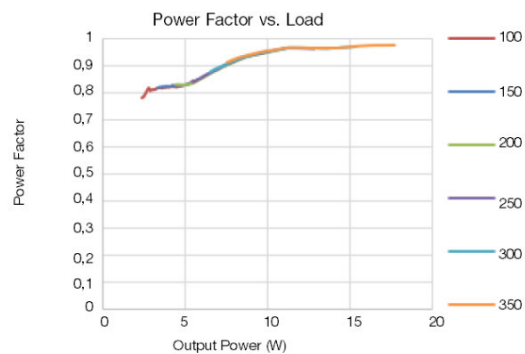
1) at 230 V, 50 Hz
2) Full load, 230 Vac, 50Hz / 60Hz
3) At 258 μs
4) L/N – PE acc to EN 61547 Cluase 5.7
5) Default current 350 mA
6) Partial load



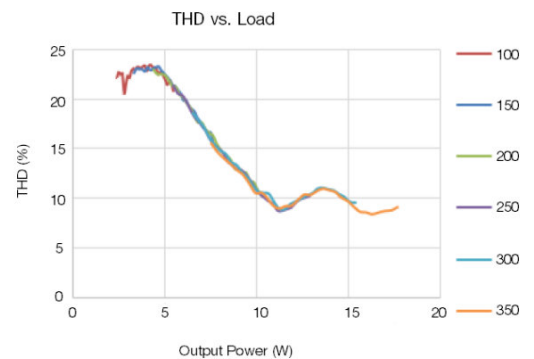
OT FIT 18 220-240 350 D CS L Operating Window



OT FIT 18 220-240 350 D CS L Typical Efficiency vs Load



OT FIT 18 220-240 350 D CS L Typical Power Factor vs Load



OT FIT 18 220-240 350 D CS L Typical THD vs Load

Méretetek és súly



Szerelési furattávolság, hosszúság	200,0 mm
Termék súlya	11600 g
Vezeték keresztmetszet, bemeneti oldal	0,5...1,5 mm ²
Vezeték-előkészítési hossz, bemenet	8,0...9,0 mm
Hosszúság	2100 mm
Szélesség	300 mm
Magasság	210 mm

Hőmérséklet és működési feltételek

Környezeti hőmérséklet tartomány	-25...+50 °C
Max. hőmérséklet a tc mérőponton	75 °C
Max. házhőmérséklet hibaállapotban	110 °C
Hőmérséklet-tartomány tároláskor	-25...85 °C
Megengedett légnedvesség üzem közben	5...85 % ¹⁾

¹⁾ Lecsapódás nélkül

Élettartam

Elektronikus előtét élettartam	50000 / 100000 h ¹⁾
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¹⁾ Maximum T_c = 75°C / 10% meghibásodási arány / At maximum T_c = 65°C / 10% failure rate

Képességek

Dimmelhető	No
Túlmelegedés védelem	Automatic reversible
Túlterhelés védelem	Automatic reversible
Zárlatvédett	Automatic reversible
Nem terhelés-védett	Yes
Intended for no-load operation	Nem

Termék adatlap

Max. vezeték hossz lámpa/LED modul	2,0 m ¹⁾
Alkalmasság érintésvédelmi osztályhoz	I
Number of channels	1

¹⁾ Output wires must be routed as close as possible to each other

Programming

Programming device	DIPswitch
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Tanúsítványok és szabványok

Jóváhagyási jelek	CE / ENEC / CCC / RCM / UKCA / BIS / EAC
Szabványok	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547/Acc. to EN 55015
Védettség típusa	IP20

Logisztikai adatok

Commodity code	85044083900
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Környezetvédelmi információk

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	25-08-2023
Primary Article Identifier	4062172285254
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	f881b08b-40f0-4875-929d-51c0aa29dff9

Termék adatlap

Adatlap szöveg

- Hot plug-in or secondary switching of LEDs is not permitted and may cause a very high current to the LEDs.
- Indication that the lamp control gear relies upon the luminaire enclosure for protection against accidental contact with live parts.
- The control gear is not intended for use in luminaires for high-risk task area lighting.
- Input overvoltage protection: the driver withstands an input voltage up to 305 Vac for a maximum of two hours, shut down of the output load might occur in case the supply voltage exceeds the declared input voltage range.
- Input surge protection: the unit is protected against surge up to 1kV between L-N (symmetric surge) and 2 kV L/N-PE (asymmetric surge). During an asymmetric surge, the voltage between the LED outputs and PE is equal or lower than the applied surge voltage.
- Output short circuit / undervoltage protection: shut down of the load happens if Vout is out of the operating range.
- Output over voltage protection: shut down of the load might happen if Vout exceeds the output maximum voltage (depending on current). Step 1: output current reduction to decrease Vout; Step 2: shut down of the load at longer or extreme overvoltage.
- No load protection: the driver automatically adjusts the output voltage to the maximum output voltage which is auto defined by output current setting if no load is connected. Auto-reversible with the correct load connected;
- Over temperature protection: the unit is protected against temporary overheating by automatic reduction of the output current when $t_c > 75^{\circ}\text{C}$.
- Switch over time: lower than 0.5 s, from AC to DC mains and viceversa.
- Output power hold time: $> 4\text{ ms}$, in case of mains dips.
- Emergency lighting: this LED power supply is suitable for emergency lighting fixtures acc. to EN 60598-2-22; according to EN 61347-2-13 Annex J.

Download Data

File	
	User instruction OPTOTRONIC LED Power Supply
	Certificates OT FIT 18 D CS L CCC 2022171002004624 102122
	Certificates OT FIT D CS L ENEC 35-124598 102122

Ecodesign regulation information:

Intended for use with LED modules.

The forward voltage of the LED light source shall be within the defined operating window of the control gear in all operating conditions including dimming if applicable.

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Termék adatlap

Logisztikai adatok

Termékkód	Termékmegnevezés	Csomagolás (darab/egység)	Méretek (hosszúság x szélesség x magasság)	Térfogat	Bruttó súly
4062172285254	OT FIT 18/220...240/350 D CS L	Karton 20	237 mm x 162 mm x 130 mm	4.99 dm ³	2629.00 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.

Lemondás

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