OT FIT 40/220...240/350 D CS L

OPTOTRONIC FIT D CS L (Dip Switch) EL | Linear / Area icke dimbar AC-modul

Produktegenskaper

- Nätfrekvens: 0 Hz | 50 Hz | 60 Hz
- Matningsspänning: 220...240 V
- Nätspänning: 198...264 V
- Wide output current range
- Livslängd: upp till 100,000 h (temperatur vid T_C = 65 °C, max. 10 % utfall)

Produktfördelar

- Flexible current setting (DIPswitch – 6 currents)
- Högre ljuskvalitet tack vare låg utgående rippelström
- User flexibility with six different output currents from one driver
- Säkerhetskrav på grund av överbelastnings-, övertemperatur-, kortslutningsskydd
- Lång tillförlitlig livslängd vid maximalt tillåtna temperaturer
- Enable slim fixture design with flat 21 mm height metal housing

Användningsområde

- Lämplig för armaturer med skyddsklass I
- Installation i nödbelysningssystem enligt IEC 61347-2-13, bilaga J
- Lämplig för installation i nödbelysningssystem enligt EN 60598-2-22

Tekniska data

Elektriska data

Nominell inspänning	220…240 V
Nätfrekvens	0/50/60 Hz Hz
Inspänning AC	198…264 V
Current set	DipSwitch
Effektfaktor λ	0,82C…0,99
Efficiency in full-load	91 % [1)]
Förlusteffekt	4.15 W [2)]
IP Inkopplingsström	14.8 A [3)]
Max antal HF-don på säkringsaut 10 A (B)	19
Max antal HF-don på säkringsaut 16 A (B)	30
Spänningstopp (ström/jord)	2 kV [4)]
Spänningstopp (fas/neutral)	1 kV
Nominell utspänning	40…120 V
Nominell utström	100 / 150 / 200 / 250 / 300 / 350 mA [5)]
Output PSTLM	≤1
Output SVM	≤0.4
Nominell uteffekt	8…42 W [6)]
Maximal uteffekt	42 W
Utgångs rippelström (100 Hz)	< 3 %

1) at 230 V, 50 Hz

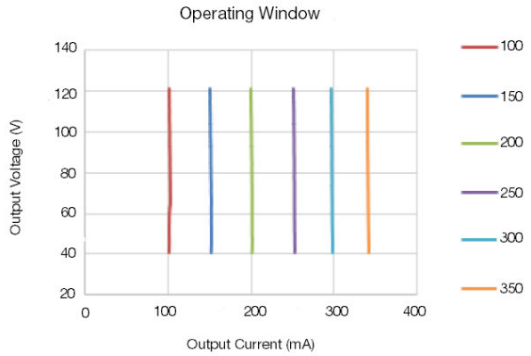
2) Full load, 230 Vac, 50Hz / 60Hz

3) At 216 µs

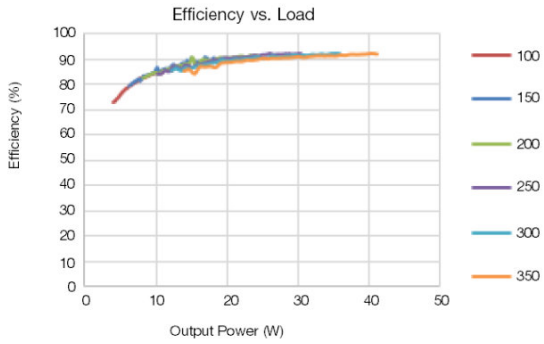
4) L/N – PE acc to EN 61547 Cluase 5.7

5) Default current 350 mA

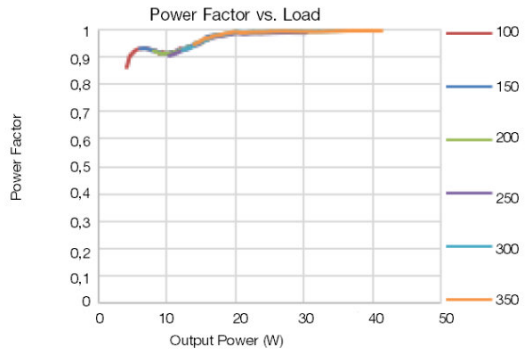
6) Delad last



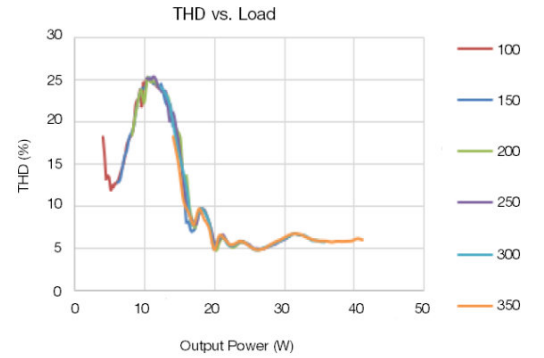
OT FIT 40 220-240 350 D CS L Operating Window



OT FIT 40 220-240 350 D CS L Typical Efficiency vs Load

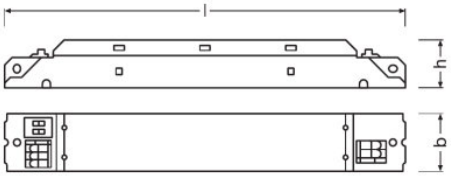


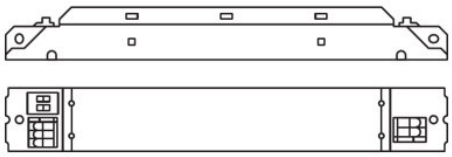
OT FIT 40 220-240 350 D CS L Typical Power Factor vs Load



OT FIT 40 220-240 350 D CS L Typical THD vs Load

Mått





Hålavstånd längd	200,0 mm
produktvikt	116,00 g
Ledningsarea ingångsida	0,5…1,5 mm²
Avisoleringslängd på primärsidan	8,0…9,0 mm
Längd	210,0 mm
Bredd	30,0 mm
Höjd	21,0 mm

Temperaturer och driftsförhållanden

Omgivningstemperaturområde	-25…+50 °C
Maximal temperatur vid tc testpunkt	75 °C
Maximal höljestemperatur vid fel	110 °C
Förvaringstemperatur	-25…85 °C
Tillåten rel. luftfuktighet under drift	5…85 % [1]

[1] Icke kondenserande

Livslängder

Hf-don livslängd	50000 / 100000 h [1]

[1] At maximum T_c = 75°C / 10% failure rate / At maximum T_c = 65°C / 10% failure rate

Användningsområden

Ljusreglerbar	Nej
Överhettningsskydd	Automatisk avstängning, återställningsbar
Överlastskydd	Automatisk avstängning, återställningsbar
Kortslutningsskydd	Automatisk avstängning, återställningsbar
Kan drivas utan belastning	Ja
Intended for no-load operation	Nej

Max. kabellängd till lampa / LED-modul	2,0 m [1)]
Passande för armaturer med skyddsklass	I
Number of channels	1

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

Programming

Programming device	DIPswitch

Certifikat och Standarder

Godkännandemärkning	CE / ENEC / CCC / RCM / UKCA / BIS / EAC
Standarder	enl. IEC 61347-1/enl. IEC 61347-2-13/enl. IEC 62384/enl. IEC 61000-3-2/enl. IEC 61000-3-3/enl. IEC 61547/enl. EN 55015
Skyddstyp	IP20

Logistikdata

Statistiskt varunummer	85044083900

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	26-09-2023
Primary Article Identifier	4062172285278
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	47470c35-a656-42ce-8ae3-d368b425c9ae

Databladstext

- 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 outpurt 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 tc > 75°C.
- Switch over time: lower than 0.5 s, from AC to DC mains and viceversa.
- Output power hold time: > 4 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

	Dokument
	User instruction OPTOTRONIC LED Power Supply
	Certifikat OT FIT 40 D CS L CCC 2022171002004623 102122
	Certifikat 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.

Logistiska data

Produktnummer	Produktbeskrivning	Förpackningsenhet (Styck/Enhet)	Dimensioner (längd x bredd x höjd)	Volym	Bruttovikt
4062172285278	OT FIT 40/220…240/350 D CS L	Transportförpackning 20	237 mm x 162 mm x 130 mm	4.99 dm^3	2629.00 g

Produktkoden gäller minsta tillåtna beställningskvantitet. En transportförpackning kan innehålla en eller flera produkter. Vid orderläggning, vänligen ange en eller flera transportförpackningar.

Friskrivningsklausul

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