OT FIT 80/220-240/24 P

OPTOTRONIC FIT 24V P | Constant Voltage – Non dimmable



Product family features

- Small housing design for mounting in coves or linear luminaires
- Versatile scope of application thanks to an output power range of up to 300 W
- Robust and durable design for outdoor applications

Areas of application

- For example luminous signage in areas such as hotels
- Public squares and architecture lighting
- Suitable for indoor and outdoor SELV installations

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Technical data

Electrical data

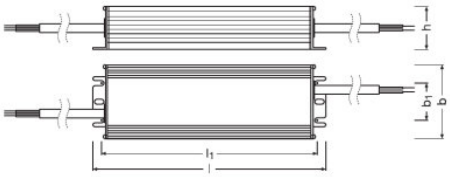
Nominal output power	80 W
Mains frequency	50…60 Hz
Nominal voltage	NaN V
Device power loss	10.3 W
Power factor λ	0.95
Inrush current	< 50 A [1]
Nominal output voltage	24 V
Input voltage AC	198…264 V
Maximum output power	80 W [2]
Output ripple Voltage (100 Hz)	< 2 %
Efficiency in full-load	88.5 % [3]

[1] At Full Load, 240VAC, Cold StartDuration=250uS 50% Ipk—50% Ipk

[2] at steady state

[3] at 230 V, 50 Hz

Dimensions & weight



Length	170.0 mm
Width	53.0 mm
Height	31.5 mm
Mounting hole spacing, length	153 mm
Mounting hole spacing, width	27.0 mm
Product weight	513.00 g

Temperatures & operating conditions

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

[1] At fullload, Tc not exceeded

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[2] Non-condensing

Capabilities

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

Certificates & standards

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

Logistical data

Commodity code	85044083900

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	08-09-2023
Primary Article Identifier	4062172085465
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	82b2d131-d1fb-4eaa-b056-731e0e986570

Download Data

	File
	Product Datasheet Datasheet - OT FIT 80_220-240_24_P

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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.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172085465	OT FIT 80/220-240/24 P	Shipping carton box 15	349 mm x 224 mm x 153 mm	11.96 dm^3	8193.00 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.

Disclaimer

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

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