

Product family datasheet

Product family features

- Supply voltage: 220...240 V
- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Line voltage: 198...264 V
- According to EN 61347-1, 61347-2-13, 62384
- RI suppression: to EN 55015
- Line harmonics according to EN 61000-3-2
- Immunity according to EN 61547
- Lifetime: up to 100,000 h (temperature at $T_c = 65\text{ °C}$, max. 10 % failure rate)
- Independent connection via through-looping (depending on version of product)

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Technical data

Electrical data

Product description	Efficiency in full-load	Maximum output power
OT FIT 15/220...240/500 LT2 LP	84 % ¹⁾	17.5 W
OT FIT 25/220...240/700 LT2 LP	86 % ¹⁾	26.5 W
OT FIT 40/220...240/1A0 LT2 LP	87 % ¹⁾	40 W

¹⁾ at 230 V, 50 Hz

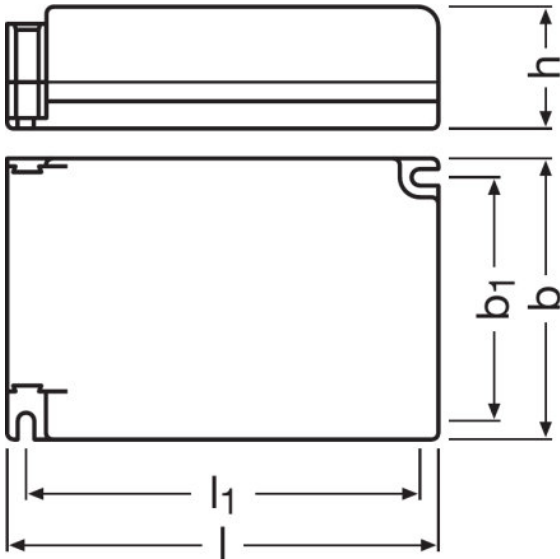
Dimensions & weight

Product description	Mounting hole spacing, length	Mounting hole spacing, width	Product weight	Cable cross-section, input side	Cable cross-section, output side
OT FIT 15/220...240/500 LT2 LP	94.0 mm	58.0 mm	110.00 g	0.5...1.5 mm ²	0.5...1.5 mm ²
OT FIT 25/220...240/700 LT2 LP	94.0 mm	58.0 mm	125.00 g	0.5...1.5 mm ²	0.5...1.5 mm ²
OT FIT 40/220...240/1A0 LT2 LP	94.0 mm	58.0 mm	135.00 g	0.5...1.5 mm ²	0.5...1.5 mm ²

Product description	Wire preparation length, input side	Wire preparation length, output side	Length	Height	Width
OT FIT 15/220...240/500 LT2 LP	9.0...10.0 mm	8.0...9.0 mm	103.0 mm	22.5 mm	67.0 mm
OT FIT 25/220...240/700 LT2 LP	9.0...10.0 mm	8.0...9.0 mm	103.0 mm	22.5 mm	67.0 mm
OT FIT 40/220...240/1A0 LT2 LP	9.0...10.0 mm	8.0...9.0 mm	103.0 mm	22.5 mm	67.0 mm

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Product line drawing



OT FIT 15/220...240/500 LT2 LP, OT FIT 25/220...240/700 LT2 LP, OT FIT 40/220...240/1A0 LT2 LP

Colors & materials

Product description	Casing material
OT FIT 15/220...240/500 LT2 LP	Plastic
OT FIT 25/220...240/700 LT2 LP	Plastic
OT FIT 40/220...240/1A0 LT2 LP	Plastic

Temperatures & operating conditions

Product description	Ambient temperature range	Maximum temperature at tc test point	Max.housing temperature in case of fault	Temperature range at storage
OT FIT 15/220...240/500 LT2 LP	-20...+45 °C	75 °C	110 °C	-40...+85 °C
OT FIT 25/220...240/700 LT2 LP	-20...+45 °C	75 °C	110 °C	-40...+85 °C
OT FIT 40/220...240/1A0 LT2 LP	-20...+45 °C	75 °C	110 °C	-40...+85 °C

Product description	Permitted rel. humidity during operation
OT FIT 15/220...240/500 LT2 LP	5...85 % ¹⁾
OT FIT 25/220...240/700 LT2 LP	5...85 % ¹⁾
OT FIT 40/220...240/1A0 LT2 LP	5...85 % ¹⁾

¹⁾ Maximum 56 days/year at 85 %

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Lifespan

Product description	ECG lifetime
OT FIT 15/220...240/500 LT2 LP	50000 / 100000 h ¹⁾
OT FIT 25/220...240/700 LT2 LP	50000 / 100000 h ¹⁾
OT FIT 40/220...240/1A0 LT2 LP	50000 / 100000 h ¹⁾

¹⁾ T_c = 75°C, 0.2% / 1,000 h failure rate / T_c = 65°C, 0.1% / 1,000 h failure rate

Capabilities

Product description	Intended for no-load operation
OT FIT 15/220...240/500 LT2 LP	No
OT FIT 25/220...240/700 LT2 LP	No
OT FIT 40/220...240/1A0 LT2 LP	No

Programming

Product description	Programming device
OT FIT 15/220...240/500 LT2 LP	LEDset
OT FIT 25/220...240/700 LT2 LP	LEDset
OT FIT 40/220...240/1A0 LT2 LP	LEDset

Certificates & standards

Product description	Approval marks – approval	Standards	Type of protection
OT FIT 15/220...240/500 LT2 LP	CE	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to IEC 61000-3-2/Acc. to IEC 61547/Acc. to EN 55015	IP20
OT FIT 25/220...240/700 LT2 LP	CE	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to IEC 61000-3-2/Acc. to IEC 61547/Acc. to EN 55015	IP20
OT FIT 40/220...240/1A0 LT2 LP	CE	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to IEC 61000-3-2/Acc. to IEC 61547/Acc. to EN 55015	IP20

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Logistical data

Product description	Commodity code
OT FIT 15/220...240/500 LT2 LP	850440829000
OT FIT 25/220...240/700 LT2 LP	850440829000
OT FIT 40/220...240/1A0 LT2 LP	850440829000


Application advice

For more detailed application information and graphics please see product datasheet.





Sales and Technical Support

Sales and Technical Support www.osram.com

Download Data

File
 User instruction OPTOTRONIC LED Power Supply
 Certificates OT ENEC 40038447 210721
 Certificates CEAG OT FIT 15220-240500 LT2 LP
 Certificates INOTEC OT FIT 15220-240500 LT2 LP
 Certificates CCC Certificate 2018171002002031
 Certificates CCC Certificate 2018171002002041
 Declarations of conformity OT FIT LT2 LP CE 3520188 210921
 CAD data 3-dim OT FIT-LT2-15-25-40 cable clamp 3Ddrawing
 CAD data 3-dim OT FIT-LT2-15-25-40 housing 3Ddrawing
 CAD data 3-dim OT FIT-LT2-15-25-40 housing with cable clamp 3Ddrawing
 Certificates CEAG OT FIT 25220-240700 LT2 LP
 Certificates INOTEC OT FIT 25220-240700 LT2 LP

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	Certificates CCC Certificate 2018171002002040
	Certificates CCC Certificate 2018171002002039
	Certificates CEAG OT FIT 40220-2401A0 LT2 LP
	Certificates INOTEC OT FIT 40220-2401A0 LT2 LP

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
4052899490673	OT FIT 15/220...240/500 LT2 LP	Shipping carton box 20	348 mm x 218 mm x 67 mm	5.08 dm ³	2362.00 g
4052899490697	OT FIT 25/220...240/700 LT2 LP	Shipping carton box 20	348 mm x 218 mm x 67 mm	5.08 dm ³	2662.00 g
4052899490734	OT FIT 40/220...240/1A0 LT2 LP	Shipping carton box 20	348 mm x 218 mm x 67 mm	5.08 dm ³	2862.00 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.

Accessories Optional

Product description	Accessory name	Accessory code
OT FIT 15/220...240/500 LT2 LP	OT CABLE CLAMP B-STYLE LP TL	▶ 4052899530997
OT FIT 25/220...240/700 LT2 LP	OT CABLE CLAMP B-STYLE LP TL	▶ 4052899530997
OT FIT 40/220...240/1A0 LT2 LP	OT CABLE CLAMP B-STYLE LP TL	▶ 4052899530997

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Disclaimer

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