

CC Power supplies with DALI



Areas of application

- Suitable for use in luminaires with flexible current setting
- Suitable for use in emergency lighting systems
- Suitable for indoor SELV installations
- Installation and independent mounting via Cable Clamp Kit possible

Product benefits

- Versatile DALI window driver up to 45 W due to flexible output characteristic
- Very high efficiency and reliability
- Protection of the system thanks to thermal management and Smart Control

Technical data

Electrical data

Product description	Output power	Input voltage	Mains frequency	Output voltage
OT DALI 45/220...240/700 LTCS	45 W ¹⁾	195...264 V ²⁾	50...60 Hz	38...120 V ³⁾

Product description	Output current	ECG efficiency	Nominal voltage	Nominal current
OT DALI 45/220...240/700 LTCS	50...700 mA ⁴⁾	87 % ⁵⁾	220...240 V	0.23 A ⁶⁾

Product description	Device power loss	Power factor λ
OT DALI 45/220...240/700 LTCS	7.0 W ⁷⁾	0.95/0.90 ⁸⁾

¹⁾ Partial load 13...45 W

²⁾ Permitted voltage range

³⁾ Maximum 120 V

⁴⁾ $\pm 5\%$ (350-700 mA)

⁵⁾ At full load and 230 V

⁶⁾ At 230 V

⁷⁾ Maximum

⁸⁾ Full load at 230 V/Half load at 230 V

Dimensions & weight

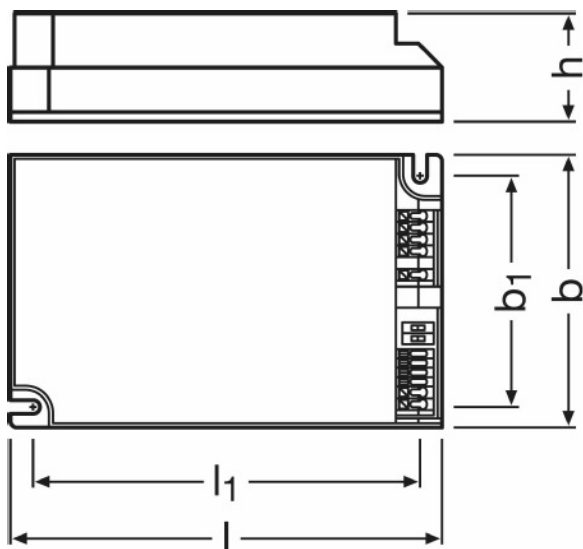
Product description	Length	Width	Height	Product weight
OT DALI 45/220...240/700 LTCS	123.0 mm	79.0 mm	33.0 mm	244.00 g

Product description	Cable cross-section, input side	Cable cross-section, output side	Wire preparation length, input side
OT DALI 45/220...240/700 LTCS	0.2...1.5 mm ² ¹⁾	0.2...1.5 mm ² ¹⁾	8.5...9.5 mm

¹⁾ Solid or flexible leads

Produkt Strichzeichnungen (vermasst)

Product family datasheet



Product line drawing
OT DALI 45/220...240/700 LTCS

Colors & materials

Product description	Casing material
OT DALI 45/220...240/700 LTCS	Plastic

Temperatures

Product description	Ambient temperature range	Maximum temperature at tc test point	Max.housing temperature in case of fault
OT DALI 45/220...240/700 LTCS	-25...+50 °C	85 °C ¹⁾	110 °C

¹⁾ Maximum at the Tc-point

Lifespan

Product description	ECG lifetime
OT DALI 45/220...240/700 LTCS	50000 h ¹⁾

¹⁾ At tcase = 75°C at tc point / 10 % failure rate

Product family datasheet

Capabilities

Product description	Dimmable	Dimming range	Suitable for fixtures with prot. class	Dimming interface
OT DALI 45/220...240/700 LTCS	Yes	7...100 % ¹⁾	I / II	DALI / Touch DIM / Touch DIM Sensor

Product description	NTC input	Overheating protection	Overload protection	Short-circuit protection
OT DALI 45/220...240/700 LTCS	Yes	Automatic reversible	Automatic reversible	Automatic reversible

Product description	No-load proof	Maximum wiring length ECG/lamp
OT DALI 45/220...240/700 LTCS	Yes	2.0 m

¹⁾ For 700mA nominal output current

Certificates & standards

Product description	Type of protection	Standards	Approval marks – approval
OT DALI 45/220...240/700 LTCS	IP20	acc. to EN 61347-1/acc. to EN 61347-2-13/acc. to IEC 62384/acc. to EN 55015:2006 + A1:2007 + A2:2009/acc. to EN 61000-3-2/acc. to IEC 61547:1995 + A1:2000	CE / VDE / ENEC 10

Application advice

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

Sales and Technical Support

Sales and Technical Support www.osram.com

Country specific information

Product description	Product code	METEL-Code	SEG number	STK number	UK Org
OT DALI 45/220-240/700 LTCS	4008321819192	-	7980608	4030071	-

Download Data

Product family datasheet

File	
	Product Datasheet Technical information OT DALI 45220-240700 LTCS
	Declarations of conformity Declaration of Conformity_OT DALI 45220-240700 LTCS
	Installation guide OPTOTRONIC LEDset Application Guide

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4008321819192	OT DALI 45/220...240/700 LTCS	Shipping carton box 20	255 mm x 82 mm x 418 mm	8.74 dm ³	5038.90 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.