

OTi DALI 50/220...240/1A4 NFC

OPTOTRONIC Intelligent – DALI NFC | 紧凑型LED恒流驱动电源-调光



产品特点

- 电源电压：220至240 V
- 线路频率：0 Hz | 50 Hz | 60 Hz
- 线路电压：198至264 V
- 安全性能符合 EN 61347-1、61347-2-13、62384 等标准的规定
- RI抑制：符合EN 55015/CISPR 15
- 抗干扰性能符合 EN 61547 标准

产品优势

- 多功能 DALI 窗驱动器，具备灵活的输出特性
- DALI-2 certified incl. Parts 251, 252, 253

应用领域

- 按照 IEC 61347-2-13 标准附录 J 的要求安装在应急照明系统
- 适用于可灵活设置电流的灯具
- 适用于室内 SELV 设施
- 适用于保护等级 I 和 II 的灯具



产品数据表

技术参数

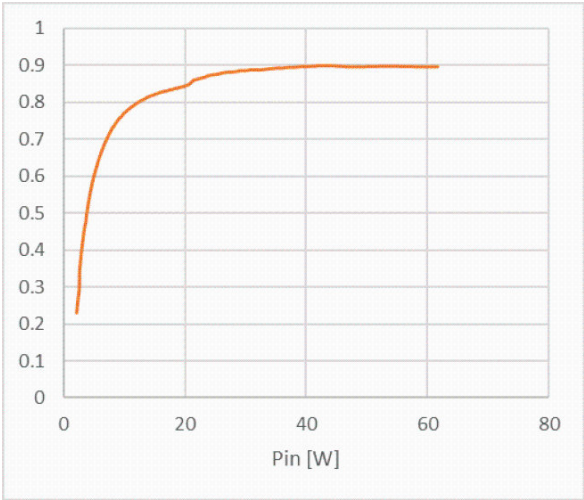
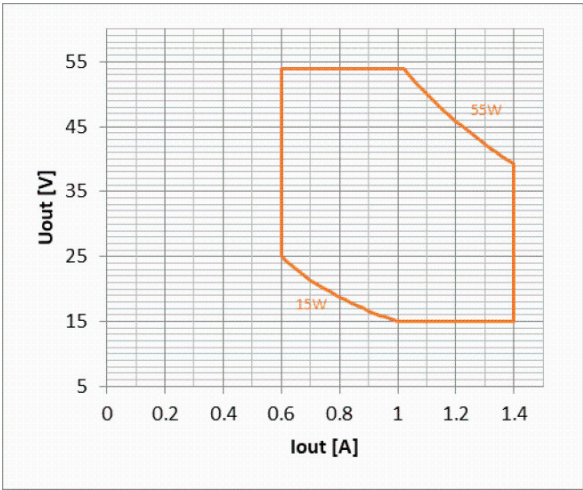
电参数

标称电压	220...240 V
市电频率	50...60 Hz
交流输入电压	198...264 V ¹⁾
直流输入电压	176...276 V
Total harmonic distortion	< 10 % ²⁾
功率因数 λ	082C...098
Efficiency in full-load	91 % ³⁾
设备功率损耗	6.2 W
浪涌电流	30 安培 ⁴⁾
使用10A过载保护器时最大ECG连接数	12
使用10A过载保护器时最大ECG连接数	-
16 A 断路器上的 ECG 最大数量	20
16 A 断路器上的 ECG 最大数量	-
25 A 断路器上的 ECG 最大数量	-
浪涌承受能力 (L/N-Ground)	2 kV
浪涌承受能力 (L-N)	1 kV
标称输出电压	15...54 V ⁵⁾
U-OUT (工作电压)	60 V
标称输出电流	600...1400 毫安 ⁶⁾
Default output current	1050 毫安
Output current tolerance	±3 %
输出纹波电流 (100 Hz)	< 3 % ⁷⁾
Output PSTLM	≤1
Output SVM	≤0.4
标称输出功率	55 W ⁸⁾
Maximum output power	55 W
待机模式功耗	<0.15 W
初级/次级电气隔离	SELV
Current set	DALI / NFC
Galvanic isolation DALI/mains	SELV
Galvanic isolation DALI/output	SELV
Networked standby power [PIM]	≤0.15 W ³⁾

1) 允许电压范围
2) At full load, 220...240 V, 50 Hz / see graphs
3) at 230 V, 50 Hz
4) 位宽 = 200µs (在50%电流峰值处测得)
5) 最大 60 V

产品数据表

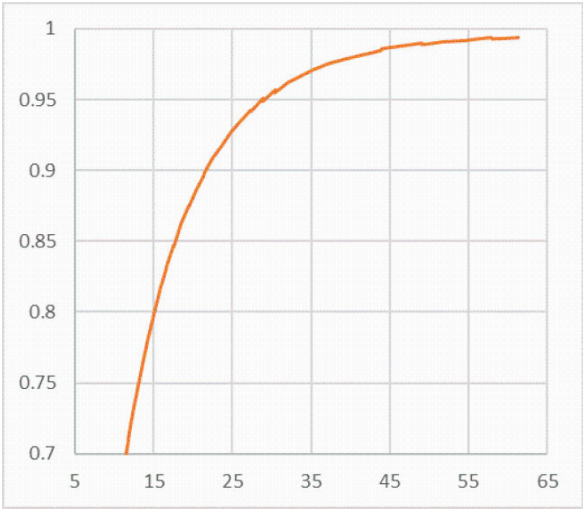
- 6) ±3%
- 7) Ripple average at 100 Hz
- 8) 分载 22...55 W



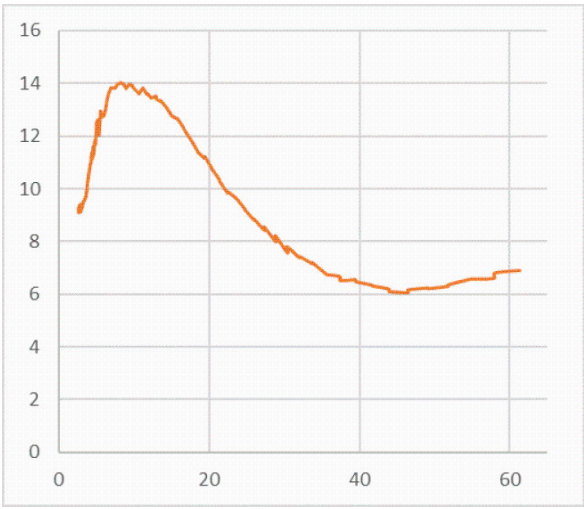
OTI DX DALI 50 NFC Operating window

OTI DX DALI 50 NFC Typical Efficiency vs. Load (230 V 50 Hz)

产品数据表

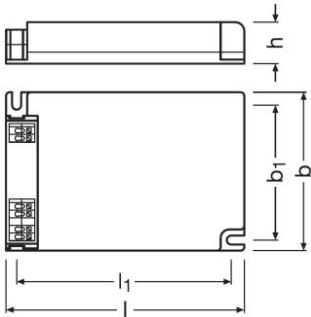


OTI DX DALI 50 NFC Typical Power Factor vs. Load



OTI DX DALI 50 NFC Typical THD Vs Load

尺寸和重量



安装孔距, 长度	99.0 mm
安装孔距, 宽度	64.0 mm
产品重量	17500 g
输入端线缆截面	0.2...1.5 mm² 1)
电缆截面积, 输出端	0.2...1.5 mm² 1)
预留线缆长度, 输入端	8.0...9.0 mm
预留线缆长度, 输出端	8.0...9.0 mm
长度	1100 mm
宽度	750 mm
高度	250 mm

产品数据表

1) 固态或软导线

颜色和材料

壳体材料	塑料
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温度

环境温度范围	-20...+50 °C
温度系数测试点最高温度	80 °C 1)
故障时最高外壳温度	110 °C
仓储温度范围	-40...+85 °C
相对湿度	5...85 % 2)

1) T_C温度点的最大值

2) 在85%的相对湿度下最多工作56天/年

寿命

ECG 寿命	50000 / 100000 h 1)
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1) T_C = 80°C, 0.2% / 1,000 h failure rate / T_C = 70°C, 0.1% / 1,000 h failure rate

更多的产品数据

后继 EAN	4052899548251
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功能

可调光	是
调光界面	DALI-2 / Touch DIM / Touch DIM Sensor
调光范围	1...100 %
调光方式	Amplitude Modulation
过热保护	自动可逆
过载保护	自动可逆
Short-circuit protection	自动可逆
标准空载符合	是
Intended for no-load operation	否
至灯/LED 模块的最大电缆长度	2.0 m 1)
适合带防护等级的固件	I / II
连接件类型，输入端	按键式端子
连接件类型，输出端	按键式端子
适用于直通连接	Yes with optional cable clamp
适用于应急照明	是
恒定流明功能	可编程
Programming interface	DALI, NFC
Control interface	DALI-2

产品数据表

Number of channels	1
DALI-2 Energy Data	是 ²⁾
DALI-2 Diagnostic Data	是 ³⁾

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

2) Acc. DALI part 252

3) Acc. DALI part 253

Programming

Box programming	Yes
Tuner4TRONIC	是
Tuner4TRONIC Field App	是
Programming device	DALI / NFC

Programmable features

Operating Current	是
Constant Lumen	是
Lamp Operating Time	是
Driver Guard	是
DALI Settings	是
Emergency Mode	是
DALI-2 Luminaire Data	是 ¹⁾
Configuration Lock	是
Soft Switch Off	是
Dim to Dark	是
TouchDIM + Sensor	是
Corridor Functionality	是
OEM Key	否

1) Acc. DALI part 251

认证与标准

认证标志 – 认证	CE / EL / DALI-2 / EAC
标准	根据 EN 61347-1标准/根据 EN 61347-2-13标准/根据 EN 55015标准/根据 EN 61547标准/根据 EN 61000-3-2标准/根据 EN 62384标准/Acc. to EN 62386/Acc. to IEC 62386-101:Ed2/Acc. to IEC 62386-102:Ed2/Acc. to IEC 62386-207:Ed1
防护等级	II
防护类型	IP20

物流数据

商品编码	85044083900
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	25-10-2023
Primary Article Identifier	4062172061889
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	a44ca5eb-0aa7-437c-80e1-726dedd7c300

下载数据

文件	
	User instruction OPTOTRONIC LED Power Supply
	User instruction OPTOTRONIC LED Power Supply
	证书 OTI DALI 50 NFC INOTEC 080121
	证书 OTI DX DALI NFC CB DE1 63108 190220
	证书 OTI DALI 50 NFC EATON 080121
	证书 OTI DALI NFC BIS 45164 231023
	证书 OT ENEC 40038447 260623
	证书 OT EMC 40044675 031022
	统一宣言 OTI DX DALI NFC CE 3770568 040923
	统一宣言 OTI DALI DX NFC UK DoC 4281072 040923
	CAD数据 CAD data OTi DALI 50220-2401A4 NFC built in IGS
	CAD数据 CAD data OTi DALI 50220-2401A4 NFC built in STEP
	CAD 数据PDF 文件 CAD data OTi DALI 50220-2401A4 NFC built in pdf

产品数据表

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.

物流数据

产品代码	产品描述	包装单位 (件/单位)	尺寸 (长 x 宽 x 高)	体积	毛重
4062172061889	OTi DALI 50/220...240/1A4 NFC	箱 20	389 mm x 234 mm x 72 mm	6.55 dm³	4018.00 g

这里所提到的产品编码代表最小订购数量。一个整件包装含有一个或多个单一产品。请您在下单时，按一个或多个整件数下单。

可选择性配件

产品描述	配件名称	配件代码
OTi DALI 50/220...240/1A4 NFC	OT CABLE CLAMP A-STYLE	▶ 4052899089570
OTi DALI 50/220...240/1A4 NFC	OT CABLE CLAMP A-STYLE TL	▶ 4052899325982

数据保密性

This OSRAM driver can be configured using the Tuner4TRONIC software. This requires registering on www.myosram.com and downloading theTuner4TRONIC software from the Internet. The Tuner4TRONIC software enables users to access and view the operational data of a luminaire or driver via the corresponding programming interfaces. A password key (Config Lock) must be set up in the driver via the Tuner4TRONIC software in order to control which users can access and view operational data. Follow the instructions for password setup. To grant an external person or company rights to access or view operational data, you can assign password keys. In this case, however, you are responsible for ensuring that the third party concerned takes notice of the information described here. However, OSRAM can read out operating data from devices for maintenance and service purposes even when a password key has been assigned. In individual cases, OSRAM will also use its access rights in order to optimize or improve driver hardware and driver functions. In accordance with data privacy principles, any user of operating data (luminaire manufacturers, third parties with access rights) must ensure that personal data (e.g. name, address, location IDs) are only merged with the prior written consent of the person (end user) concerned. The respective user of the operating data is responsible for providing evidence of consent.

免责声明

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