

EM FIT 18/220...240/350 D CS L

ELEMENT EM FIT Non SELV | 线型 / 面型恒流灯 – 不可调光



产品特点

- 线路频率：50 Hz | 60 Hz
- 电源电压：220至240 V
- Wide output voltage range
- Fixed output (no dimming)

产品优势

- 小型外壳设计
- High efficiency and reliability
- High light quality due to low ripple current
- Long lasting and high reliability

应用领域

- 商店照明
- Industry lighting

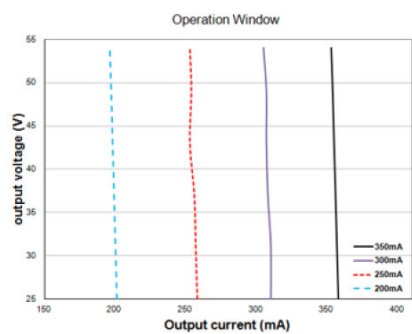
产品数据表

技术参数

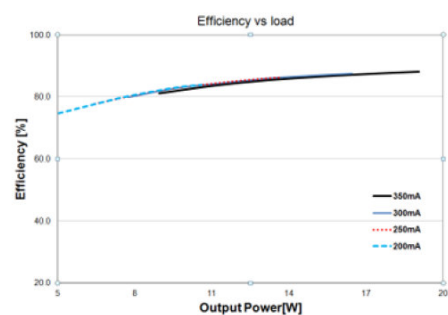
电参数

标称电压	220...240 V
市电频率	50/60 Hz
交流输入电压	198...264 V
Current set	DipSwitch
功率因数 λ	≥ 0.95 ¹⁾
Efficiency in full-load	88 % ²⁾
设备功率损耗	3.4 W ³⁾
浪涌电流	35 安培 ⁴⁾
使用10A过载保护器时最大ECG连接数	31
使用10A过载保护器时最大ECG连接数	52
16 A 断路器上的 ECG 最大数量	50
16 A 断路器上的 ECG 最大数量	84
25 A 断路器上的 ECG 最大数量	79
16 A 断路器上的 ECG 最大数量	132
浪涌承受能力 (L/N-Ground)	2 kV ⁵⁾
浪涌承受能力 (L-N)	1 kV
标称输出电压	27...54 V ⁶⁾
标称输出电流	200 / 250 / 300 / 350 毫安 ⁷⁾
Output PSTLM	≤1
Output SVM	≤0.4
标称输出功率	5...18.9 W
Maximum output power	18.9 W
U-OUT (工作电压)	250 V
Total harmonic distortion	< 20 % ⁸⁾
Output current tolerance	±7.5 %
Galvanic isolation	Non isolated
输出纹波电流 (100 Hz)	< 10 % ⁹⁾

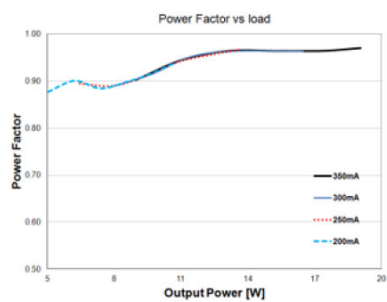
1) Full load at 220...240 V_{AC}/50 Hz
2) at 230 V, 50 Hz
3) 在 230 V
4) t_{width} = 75 μs typical (measured at 50 % I_{peak})
5) L/N – PE acc to EN 61547 Clause 5.7
6) At 200/250 mA output current / At 300/350 mA output current
7) ±7.5%
8) At full load
9) Ripple average at 100 Hz



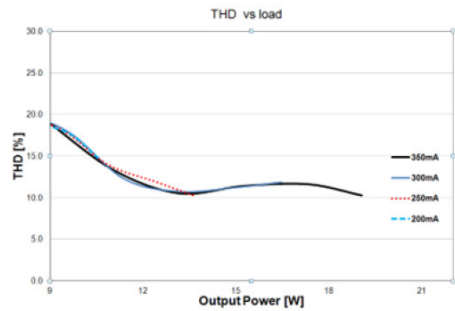
EM FIT 18 220 240 350 D CS L Operating Window



EM FIT 18 220-240 350 D CS L Typical Efficiency vs Load



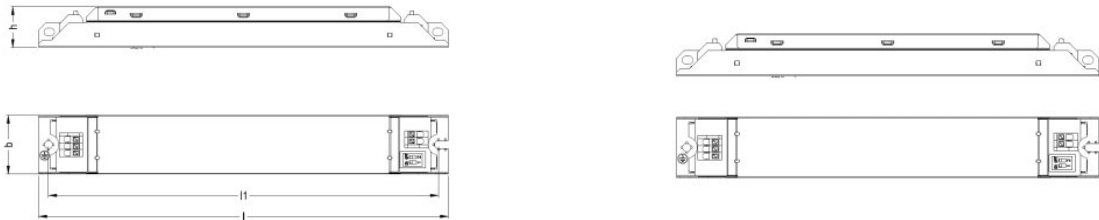
EM FIT 18 220-240 350 D CS L Typical Power Factor vs. Load



EM FIT 18 220-240 350 D CS L Typical THD vs Load

产品数据表

尺寸和重量



安装孔距, 长度	200.0 mm
产品重量	120.00 g
输入端线缆截面	0.5...1.5 / 0.75...1.5 mm ^{2 1)}
电缆截面积, 输出端	0.5...1.5 / 0.75...1.5 mm ^{2 1)}
预留线缆长度, 输入端	7...8 mm
预留线缆长度, 输出端	7...8 mm
长度	210.0 mm
宽度	30.0 mm
高度	21.0 mm

1) 固态或软导线

颜色和材料

壳体材料	金属
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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	60 °C
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...90 % ¹⁾

1) 不凝固的

寿命

ECG 寿命	35000 / 50000 h ¹⁾
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1) 最大 T_C 温度 = 65 °C / 10% 失效率 / At maximum T_C = 60 °C / 10% failure rate

产品数据表

预期寿命

产品名称				
EM FIT 18/220...240/350 D CS L	ECG环境温度[ta]	-	-	-
	在温度控制点的温度[°C]	75	-	-
	寿命 [h]	-	-	-

更多的产品数据

Encapsulated	否
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功能

可调光	否
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
Number of channels	1

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

Programming

Box programming	No
Tuner4TRONIC	否
Tuner4TRONIC Field App	否
Programming device	DIPswitch

认证与标准

认证标志 – 认证	CE / ENEC / CCC / UKCA / RCM / EAC / TISI
标准	根据 IEC 61347-1标准/根据 IEC 61347-2-13标准/根据 IEC 62384标准/根据 IEC 61000-3-2标准/根据 IEC 61547标准/CISPR 15/EN 55015
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 (RECh)	
Date of Declaration	19-05-2023
Primary Article Identifier	4062172219891
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	fe969384-c9cc-47b0-b4e5-6bfb04faf705

下载数据

文件	
	User instruction ELEMENT LED Power Supply
	证书 OT constant current EAC DE PA01 B 34987 21 071221
	证书 EM FIT D CS L CB NL 73951 M1 071221
	证书 EM FIT CS L&D CS L ENEC 35 120653 071221
	证书 EM FIT 18 D CS L CCC 2021171002004138 071221
	证书 NSW27963 2 certificate of EM FIT D CS L

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.

产品数据表

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
4062172219891	EM FIT 18/220...240/350 D CS L	箱 20	375 mm x 250 mm x 75 mm	7.03 dm ³	2834.00 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。

免责声明

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