

β C

External Emergency Module for LED Luminaires

With DALI interface and automatic test function

适用于 LED 灯具的带 DALI 接口和自检功能的外置式应急电源



Product Information 产品描述

The Emergency Module with DALI interface and automatic test function is suitable for class III luminaires with integrated LEDs and separate isolated LED drivers. The module will supply the luminaire with up to 4W of power for three hours. The module will adjust the DC voltage output within the module's limits to the level required to operate the luminaire and then adjust the current to limit the power and ensure specified operation time. The module has a replaceable lithium-ion battery and can be installed within a luminaire or within the ceiling void to provide a back-up supply in the event of a power cut.

A DALI command from a suitable control unit can be used to initiate function and duration tests at individually selected times. Status flags are set for report back and data logging of results.

此具有 DALI 接口和自检功能的应急电源适用于由隔离电源驱动 LED 模组的灯具。可输出功率高达 4W 到 LED 模组，供电时间长达 3 小时。其可以根据电压自动调节输出电流，恒功率输出到 LED 模组。应急电源具有可更换的锂电池组，可安装在灯具内或将其置于天花板上，停电时作为备用电源给灯具供电。

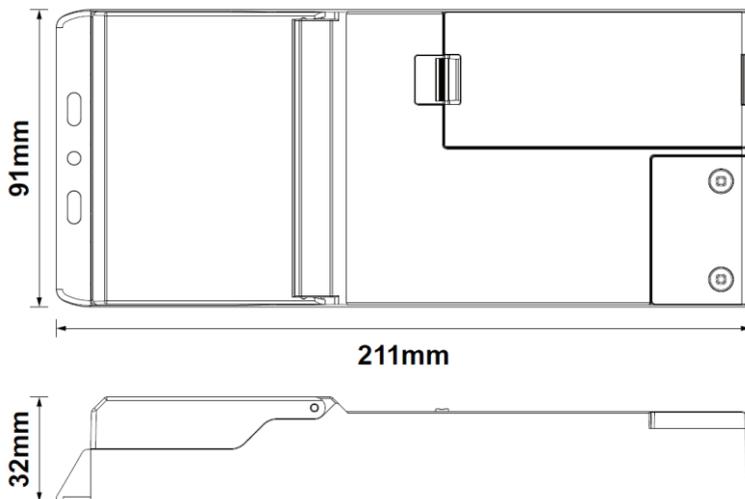
由控制装置发出的 DALI 指令可用于在选定的时间启动功能和持续时间测试。设置状态标志用于报告反馈和结果记录。

Features 产品特点

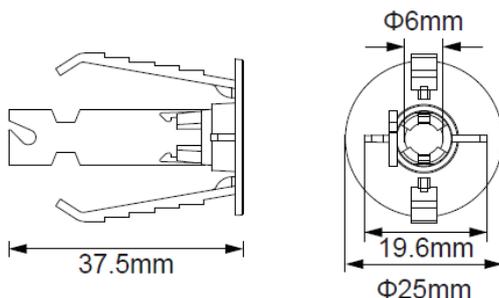
- For class III luminaires with integrated LEDs and separate LED drivers
- For maintained or non-maintained emergency lighting systems
- Automatic Self-Test technology conforming to EN 62034
- DALI conforming to EN 62386-202
- Conforms to EN 61347-1 and EN 61347-2-7
- Wired between driver and luminaire via internal terminals
- Suitable for use in luminaires for high-risk task area lighting
- Voltage change-over threshold according to EN 60598-2-22
- 3 hours rated duration
- Replaceable internal Li-ion battery pack
- Over-charge, over-current, short-circuit and deep discharge protection for battery
- Bi-coloured status LED indicator
- Function test and duration test
- For independent
- 适用于由独立电源控制III类LED模组的灯具
- 用于持续式或非持续式应急照明灯具
- 自检功能符合标准EN 62034
- DALI符合标准EN 62386-202
- 符合标准EN 61347-1,EN 61347-2-7
- 通过端子与电源及LED模组接线
- 适用于高危险任务区照明的灯具
- 应急转换符合标准EN60598-2-22
- 3小时应急工作时间
- 内置的且方便更换的锂电池组
- 具有过充、过流、短路、电池深度放电保护功能
- 双色状态指示灯
- 功能检测持续时间检测
- 外置式应用

Dimensions 产品尺寸

Emergency Module 应急模块



Indicator Holder 指示灯固定座



Specifications 产品参数

Output Wattage 输出功率	4W
Input Voltage 输入电压	220-240Vac 50/60Hz
Input Current (max) 输入电流 (最大值)	25 mA
Output Voltage 输出电压	24-54 Vdc
Output Current 输出电流	50-135 mA
Open Circuit Voltage 开路电压	59 Vdc
Maximum Working Voltage 工作电压 (最大值)	59 Vdc
Protection IP 及防护等级	IP20, Class II, Independent Driver IP20,Class II, 独立式电源
Input to Output Protection 输入到输出防护等级	Double Insulation 双重绝缘
Emergency Operation Time 应急工作时间	>3 h
Emergency Onversion Time 应急转换时间	<1s
Test Function 检测方式	Automatic and Manual 自动/手动
Length x Width x Depth 长*宽*深	211 x 91 x 32 mm
Input Connection 输入端连接方式	Push-fit terminals 0.5-1.5mm ² 按压快接端子 0.5-1.5mm ²
Output Connection 输出端连接方式	Push-fit terminals 0.5-1.5mm ² 按压快接端子 0.5-1.5mm ²
Maximum Case Temperature 外壳最高温度(°C)	75°C
Ambient Temperature Range 工作环境温度(°C)	0 to 45°C

Notes: Compatibility with luminaires should be verified before committing to an installation. Not suitable for use on a battery supply with a trickle or intermittent re-charging circuit. The emergency module is not protected against supply voltage polarity reversal.
 注意: 安装前, 请先进行兼容性测试。不适用于带涓流或间歇充电电路的电池供电, 应急电源无电池极性反接保护功能。

Battery Pack Options 电池组选项

Battery Code 电池型号	LIB6502-S26
Battery Type 电池类型	Li-ion 18650
Battery Capacity 电池容量	2600mAh
Battery Voltage 电池电压	7.2V
Battery Charge Voltage 电池充电电压	8.5 Vdc
Battery Charge Current 电池充电电流	30-180 mA
Battery Discharge Voltage 电池放电电压	6.0-8.4 Vdc
Battery Discharge Current 电池放电电流	480-550 mA
Charging Time 充电时间	>24h
Battery Life 电池寿命	3 Years

Order Codes 产品型号

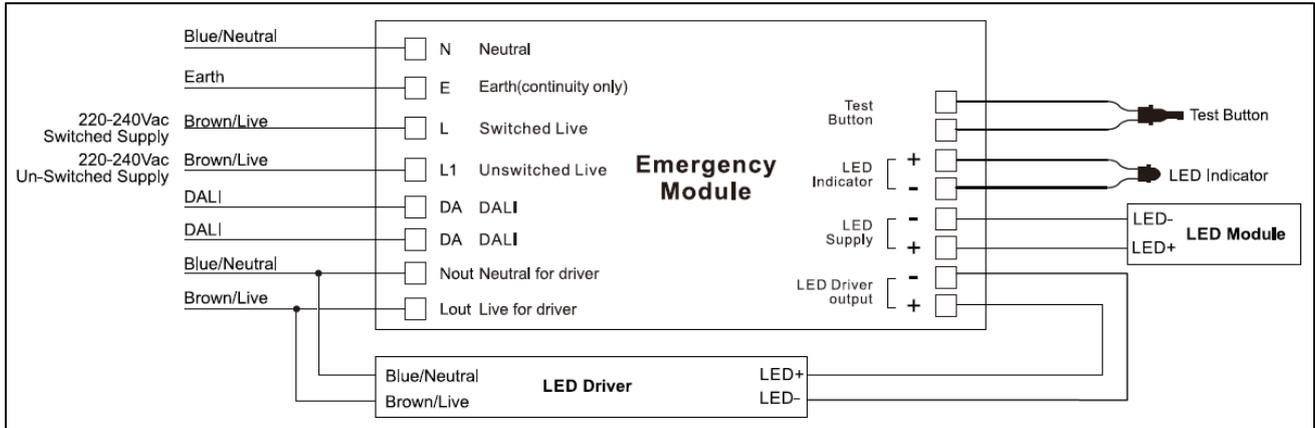
Order Code 产品型号	Description 描述
BC04-30/DA	β C DALI, 4W output wattage, 3.0hours emergency operation time, LIB6502-S26 β C DALI 版, 4W 输出功率, 3 小时应急工作时间, LIB6502-S26

Customizable Accessories 可定制配件

Type 类型	Description 描述
LED Indicator LED 指示灯	2-pole wiring leads with bi-coloured status LED indicator 2 芯电线, 含双色状态指示灯
Test Button 测试按钮	2-pole wiring leads with test button 2 芯电线, 含测试按钮
Output Cable to LED Module 输出线	2-pole wiring leads with connector for connecting to LED module 2 芯电线, 含与 LED 模组连接的端子
Output Cable to LED driver output 输出线	2-pole wiring leads with connector for connecting to LED driver output 2 芯电线, 含与 LED 电源输出端连接的端子

Wiring Diagram 接线图

Driver output current $\leq 2A$ 驱动输出电流 $\leq 2A$



Driver output current $> 2A$ 驱动输出电流 $> 2A$

