

EM converterLED ONC 250V 1h Kit

Ausführung BASIC



Product description

- _ Kit with emergency lighting LED driver, battery for 1 h duration
- _ Self contained emergency lighting LED driver for manual testing
- _ For LED modules with a forward voltage of 50 – 250 V
- _ Low profile casing (21 x 30 mm cross-section)
- _ For luminaire installation
- _ EM = Emergency
- _ Nominal lifetime up to 50,000 h
- _ 4 years guarantee (conditions at <https://www.tridonic.com/en/int/services/manufacturer-guarantee-conditions>)

Properties

- _ Non maintained operation
- _ 1 h rated duration
- _ 3-pole technology: 2-pole LED module changeover and delayed power switching for the LED driver
- _ Automatic shutdown of output if LED load is out of range
- _ Constant power output
- _ Maximum light output for all LED modules
- _ Electronic charge system
- _ Deep discharge protection
- _ Short-circuit-proof battery connection
- _ Polarity reversal protection for battery provided by 3-pole connector

Batteries

- _ High-temperature cells
- _ LiFePO4 batteries
- _ 18650 cells
- _ 4 – 8 years design life for LiFePO4 batteries
- _ 4 years guarantee for LiFePO4 batteries

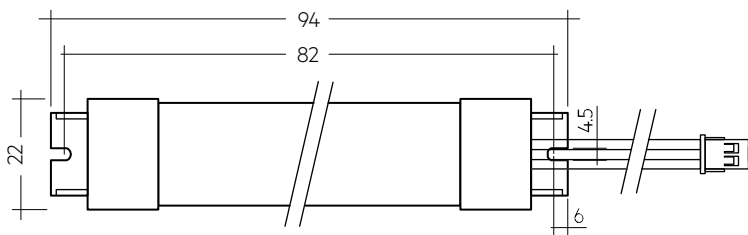
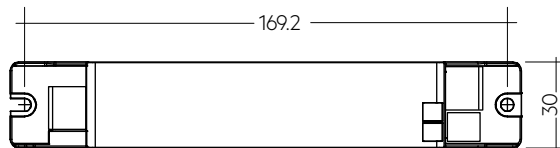
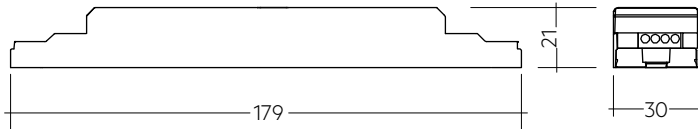
Website

<http://www.tridonic.com/89801165>



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**Ordering data**

Type	Article number	Rated duration	Packaging, carton	Packaging, pallet	Weight per pc.	Dimensions L x W x H
EMcLED ONC 212 LiFePO4 250V KIT	89801165	1 h	5 pc(s).	800 pc(s).	0.125 kg	179 x 30 x 21 mm

Technical data

Rated supply voltage	220 – 240 V
AC voltage range	198 – 264 V
Mains frequency	50 / 60 Hz
Typ. λ (at 230 V, 50 Hz)	0.6C
Forward voltage range LED module	50 – 250 V
Output current	Refer to data sheet
Starting time	< 0.5 s from detection of emergency event
Overvoltage protection	320 V (for 48 h)
U-OUT (including open- / short-circuit and double load)	280 V
Max. open circuit voltage	280 V
Battery charging time	24 h
Ambient temperature t_a	-5 ... +55 °C
Max. casing temperature t_c	75 °C
Mains voltage changeover threshold	According to EN 60598-2-22
Mains surge capability (between L - N)	1 kV
Mains surge capability (between L/N - PE)	2 kV
Type of protection	IP20
Lifetime	up to 50,000 h
Guarantee (conditions at www.tridonic.com)	4 Year(s)
Dimensions L x W x H	179 x 30 x 21 mm