

**EM converterLED BASIC NiCd 50 V Kit**

Ausführung BASIC



**Product description**

- \_ Kit with emergency lighting LED driver, battery for 3 h duration and indication LED
- \_ For self-contained emergency lighting
- \_ For LED modules with a forward voltage of 10 – 54 V
- \_ SELV for output voltage < 60 V DC
- \_ Low profile casing (21 x 30 mm cross-section)
- \_ For luminaire installation
- \_ EM = Emergency
- \_ 5 years guarantee (conditions at <https://www.tridonic.com/manufacture-guarantee-conditions>)

**Properties**

- \_ Non maintained operation
- \_ 3 h rated duration
- \_ Compatible with all dimmable and non-dimmable constant current LED driver (see data sheet, LED driver compatibility)
- \_ 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

**Batteries**

- \_ High-temperature cells
- \_ NiCd batteries
- \_ D cells
- \_ 4 year design life
- \_ 1 year guarantee (conditions at <https://www.tridonic.com/manufacture-guarantee-conditions>)

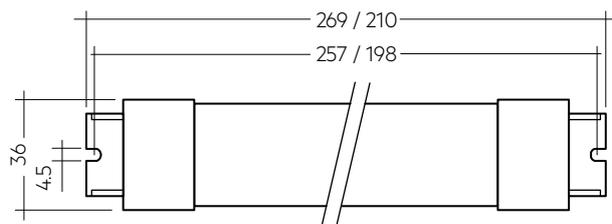
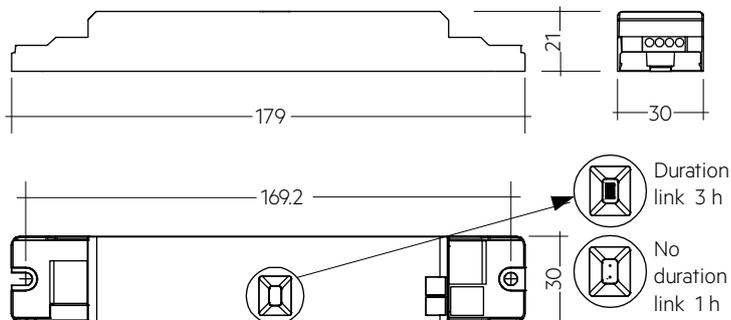
**Website**

<http://www.tridonic.com/89800699>



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**Ordering data**

Type	Article number	Rated duration	Packaging, carton	Packaging, pallet	Weight per pc.	Dimensions L x W x H
EM converterLED BASIC 203 NiCd 50V KIT	89800699	3 h	25 pc(s).	300 pc(s).	0.483 kg	179 x 30 x 21 mm
EM converterLED BASIC 204 NiCd 50V KIT	89800678	3 h	25 pc(s).	300 pc(s).	0.685 kg	179 x 30 x 21 mm

**Technical data**

Rated supply voltage <sup>①</sup>	220 – 240 V
Mains frequency	50 / 60 Hz
Typ. λ (at 230 V, 50 Hz)	0.65C
Forward voltage range LED module EM converterLED 204 50V	10 – 54 V
Output current	Refer to data sheet
Starting time	< 0.25 s from detection of emergency event
Overvoltage protection	320 V (for 48 h)
U-OUT EM converterLED 204 50V	60 V
Battery charging time <sup>②</sup>	24 h
Ambient temperature t <sub>a</sub>	-5 ... +55 °C
Max. casing temperature t <sub>c</sub>	75 °C
Mains voltage changeover threshold	According to EN 60598-2-22
Type of protection	IP20
Guarantee (conditions at <a href="http://www.tridonic.com">www.tridonic.com</a> )	5 Year(s)
Dimensions L x W x H	179 x 30 x 21 mm

① These values are only valid for EM converterLED BASIC. For battery values see data sheet EM converterLED BASIC NiCd-NiMH 50V.

② 16 h battery charging time for 2 h emergency lighting function according to AS 2293.

Status indication green LED EM CON

Accessory



**Product description**

- \_ A green LED indicates that charging current is flowing into the battery
- \_ 0.3 / 1.0 m cable length
- \_ Plug connection

**Website**

<http://www.tridonic.com/89800271>



**Ordering data**

Type	Article number	Packaging, bag	Packaging, carton	Weight per pc.
LED EM green, HO 1.0 m CON	<b>89800271</b>	25 pc(s).	200 pc(s).	0.015 kg