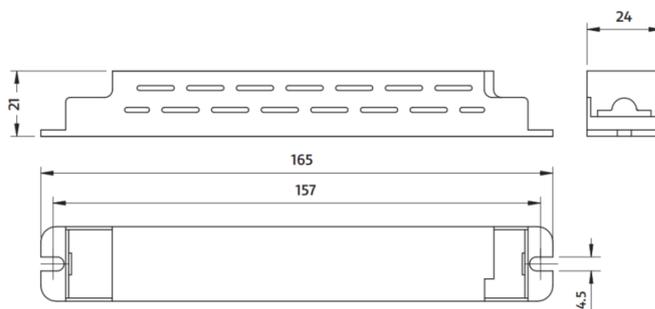




ELULED NC EMERGENCY LIGHTING COMBO INVERTER

With integrated LED driver for mains operation



Product description

The ELULED NC emergency lighting combo inverter operates LED modules in the forward voltage range from 2.8 to max. 13.5V between 100 and 700mA within a maximum mains power of 5W. In emergency mode, a constant output is provided depending on the LFP battery used. The short and extremely compact polycarbonate housing is suitable for installation in various emergency and escape sign luminaires.

Technical data

Mains voltage range	220...240 V~
Mains frequency	50 / 60 Hz
Output voltage range	2,8...13,5 V
Output current in maintained mode	100...700 mA
Power consumption	max. 15 VA
Switchover time mains - emergency	< 0,5 s
Max. housing temperature t_c	65 °C
Ambient temperature t_a	5...50 °C
Protection class	II
Protection type	IP20
Weight	60 g
Dimensions (LxWxH)	165 x 24 x 21 mm

All information is supplied without liability. Technical data subject to change without notice.

Properties

- Maintained and non-maintained operation
- Selftest complying with EN IEC 62034
- Electronic control of LED current in mains operation
- Automatic detection of LED forward voltage
- 1, 3 or 8 h emergency duration, others upon request
- SELV
- Optional bus monitoring (DALI, M-Bus or Wireless)
- Deep discharge protection
- Polycarbonate housing
- 60 months warranty

Safety

- Protection class II
- Protection type IP20
- SELV

Standards

- EN 60598-2-22
- EN 61347-2-7
- EN 61347-2-13
- EN 62384
- EN 62034
- EN 55015
- EN 61000-3-2
- EN 61000-3-3
- EN 61547
- EN 50172 (VDE 0108-100)




Technical data

Specification	Type	ELULED NC
LED forward voltage in mains operation		min. 2,8 V max. 13,5 V
LED current in mains operation		100...700 mA
Output in mains operation		max. 5 W
Emergency lighting duration		1 h, 3 h, 8 h ¹⁾
SELV		<input checked="" type="checkbox"/>
Standard type		ELULED NC
Selftesting type		ELULED NC S
DALI monitoring type		ELULED NC FDS
M-BUS monitoring type		ELULED NC FBS
Wireless monitoring type		ELULED NC WM
Batteries		LFP (18650 cells)

¹⁾other values upon request

Emergency output power

Type	Duration	Output power	LFP battery type	max. mains output
ELULED NC 1h/1Li	1 h	1,2 W	1x1865 3.2V-1.5Ah	5 W
ELULED NC 1h/2Li	1 h	2,4 W	2x1865 3.2V-3Ah	5 W
ELULED NC 1h/3Li	1 h	3,6 W	3x1865 3.2V-4.5Ah	5 W
ELULED NC 3h/1Li	3 h	0,55 W	1x1865 3.2V-1.5Ah	5 W
ELULED NC 3h/2Li	3 h	1,2 W	2x1865 3.2V-3Ah	5 W
ELULED NC 3h/3Li	3 h	1,8 W	3x1865 3.2V-4.5Ah	5 W
ELULED NC 8h/1Li	8 h	0,16 W	1x1865 3.2V-1.5Ah	5 W
ELULED NC 8h/2Li	8 h	0,35 W	2x1865 3.2V-3Ah	5 W
ELULED NC 8h/3Li	8 h	0,5 W	3x1865 3.2V-4.5Ah	5 W

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