ELDN T
Emergency light KIT for power LED and LED modules
KIT per luce d’emergenza per power LED e moduli LED

8.

- Class II protection against electric shock for direct or indirect contact.
- Instant emergency operation at mains failure.
- Maintained or not maintained operation (maintained operation suitable with electronic drivers or dimmable electronic drivers).
- Multi-power dimmable version DIP-SWITCH, constant current or constant voltage to power LED to LED modules.
- “High temperature” Ni-Cd batteries.
- Charge indicator with LED.
- Protection device against extensive discharge.
- “Rest mode” facility with remote control device.
- Keep the battery not connected to the kit until the final installation of the system (luminaire installation).
- Do not stock battery and kit connected together.

Technological data
- Length battery cable: 280 mm / 11”.
- Length LED cable: 350 mm / 13.8”.
- LED mounting hole: Ø 9 mm / 0.35”.
- Supply current: 20 mA max.
- Terminal blocks max. connection size: 1.5 mm² / AWG15.
- Max distance between driver and lamp: 2 m / 6 ft.
- Only for emergency kit

Technical data
- 90 minutes emergency operation for 12 hours charge (only for ELDN T-3)
- 90 minuti di funzionamento in emergenza con 12 ore di carica (solo per ELDN T-3)

Voltage
- Tensione
- 220 - 240 V

Frequency
- Frequenza
- 50/60 Hz

Potenza
- Power
- 3 - 7 W

Supply current
- Corrente di alimentazione:
- 20 mA

Operating time
- Autonomia:
- 1-3 h
- With TCI battery
- Con batteria TCI

Charge time
- Tempo di ricarica:
- 24 h

ta °C: 0...+60
tc °C: 80

Reference Norms
- Norme di riferimento:
- EN 55015
- EN 61000-3-2
- EN 61347-2-13
- EN 61347-2-7
- EN 61547

Max. pcs for CB B16A
- (see page info17)
- 27 pcs

In rush current
- 27A 250µsec

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Made in Italy

Non-maintained (emergency only) diagram
Collegamento non permanente (solo emergenza)

Maintained with external electronic driver diagram
Collegamento permanente (illuminazione ordinaria)

Remote control device diagrams
Collegamento con telecomando esterno centralizzato

Remote control device
It allows both to switch off the emergency lamps during emergency mode. The rest mode is automatically resetted when mains voltage is restored. This remote control device can be installed so as to operate several emergency units at the same time.

Con telecomando esterno centralizzato
Permette lo spegnimento delle lampade durante il funzionamento in emergenza. Al rientro della tensione di rete il sistema si predisporrà ad un nuovo intervento in emergenza.

Wiring diagrams - Schemi di collegamento

DIP-SWITCH | Working voltage during emergency (V) | Output current during emergency (I) | No LED max. | Power max. for LED modules
---|---|---|---|---
A | 9…12 V | 350 ± 10% | 3/4 | 24 W
B | 9…24 V | 350…250mA | 7/8 | 30 W
C | 9…46 V | 350…125mA | 12/14 | -
D | 9…58 V | 350…100mA | 17/18 | -

TCI professional LED applications

www.tci.it