

LV HR TRACK 2L DALI



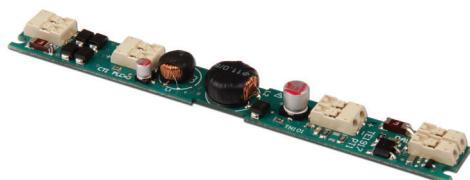
Direct current dimmable electronic drivers for 48V track adapters
Alimentatori elettronici regolabili in corrente continua per adattatori da binario 48V

Made in Italy

constant
CURRENT

**RIPPLE
FREE**

**AM
PWM
DIMMING**



Rated Voltage
Tensione Nominale
48 Vdc

Power
Potenza
1 ÷ 28 W

Output current ripple
≤ 3% ⁽¹⁾

Stand by power
≤ 0,5 W

Standards compliance

EN 55015
EN 61347-1
EN 61347-2-13
EN 61547
VDE 0710-T14
UL 8750
CSA C22.2 No.250.13

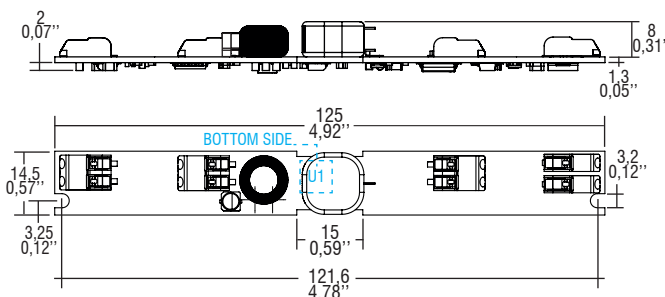
Suitable for the following tracks
Compatibili con i seguenti binari STUCCHI
- 9500-../-ST1
- 9500-../-ST2
- 9500-../B-.-ST3
- 9500-../B-.-ST4

| Article Articolo | Code Codice | W @48V | I out DC | V out | U out V | ta °C | tc U1 °C | η max. Efficiency |
|--|----------------|-----------|--------------|----------|------------|-----------|-------------|----------------------|
| LV HR TRACK 2L DALI 200 OF | 126039/2000F | 8 | 200 mA cost. | 3...40 V | 48 | -25...+60 | 90 | > 94 % |
| LV HR TRACK 2L DALI 250 OF | 126039/2500F | 10 | 250 mA cost. | 3...40 V | 48 | -25...+60 | 90 | > 95 % |
| LV HR TRACK 2L DALI 350 OF | 126039/3500F | 13 | 350 mA cost. | 3...40 V | 48 | -25...+60 | 90 | > 93 % |
| LV HR TRACK 2L DALI 400 OF | 126039/4000F | 16 | 400 mA cost. | 3...40 V | 48 | -25...+60 | 90 | > 95 % |
| LV HR TRACK 2L DALI 500 OF | 126039/5000F | 20 | 500 mA cost. | 3...40 V | 48 | -25...+60 | 90 | > 94 % |
| LV HR TRACK 2L DALI 600 OF | 126039/6000F | 24 | 600 mA cost. | 3...40 V | 48 | -25...+60 | 90 | > 96 % |
| LV HR TRACK 2L DALI 700 OF | 126039/7000F | 28 | 700 mA cost. | 3...40 V | 48 | -25...+60 | 90 | > 93 % |
| LV HR TRACK 2L DALI 900 OF ⁽²⁾ | 126039/9000F | 11 | 900 mA cost. | 3...12 V | 48 | -25...+60 | 90 | > 93 % |

⁽¹⁾ Referred to 100% load - Riferito a carico 100%

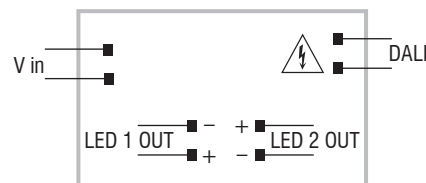
⁽²⁾ Without ENEC - Senza ENEC / Without UL - Senza UL / Without RCM - Senza RCM

BUILT-IN SCREW FIXING Weight - Peso: gr. 17 / 0,6 oz.
Pcs - Pezzi 50



Wiring diagram - Schema di collegamento

(Max. LED distance at page info8 -
Massima distanza LED a pagina info8)



Features

- Suitable for STUCCHI series "9500" 48V track adapter.
- 2 outputs version for 2 separated LEDs.
The 2 loads are connected in series.
Do not exceed the available voltage range in Table 1.
- Dimming AM + PWM: 1-25% PWM 2 kHz + 25-100% AM.
- Designed to work with DALI-2 systems.
- Driver for built-in use.
- Extremely low safety voltage (48 V).
- It can be used for lighting equipment in protection class III.
- Input and output terminal blocks on opposite sides.
- Single terminal block on primary and secondary circuit (wire cross-section up to 0,75 mm² / AWG18).
- Ultra compact size.
- Protections:
 - against 230V on DALI port;
 - against overheating and short-circuits;
 - polarity switching at input;
 - against overloads.
- Current regulation -8 %... +5 % including temperature variations.

Caratteristiche

- Compatibile con adattatore da binario 48V STUCCHI serie "9500".
- Versione con 2 uscite per 2 carichi LED.
I due LED sono connessi in serie.
Non eccedere i limiti indicati in Tabella 1.
- Regolazione AM + PWM: 1-25% PWM 2 kHz + 25-100% AM.
- Progettato per funzionare con sistemi DALI-2.
- Alimentatore da incorporare.
- Alimentazione in bassissima tensione di sicurezza (48 V).
- Utilizzabile per apparecchi di illuminazione in classe di protezione III.
- Morsetti di entrata ed uscita contrapposti.
- Singolo morsetto su primario e secondario (sezione cavo fino a 0,75 mm² / AWG18).
- Dimensioni molto ridotte e compatte.
- Protezioni:
 - contro 230V su porta DALI;
 - termica e cortocircuito;
 - all'ingresso, inversione polarità;
 - contro i sovraccarichi.
- Corrente regolata -8 %... +5 % include variazioni di temperatura.

7 YEARS WARRANTY
3% FAILURE RATE

10 YEARS WARRANTY
5% FAILURE RATE

PRODUCER'S LIABILITY
TCI

10 YEARS WARRANTY TO THE END USER
ACCORDING TO THE EXTRACTION CONDITIONS

48V LED driver track adapters
Alimentatore LED 48V per adattatori da binario

10.2