

Direct current dimmable electronic drivers for 48V track adapters

Alimentatori elettronici regolabili in corrente continua per adattatori da binario 48V

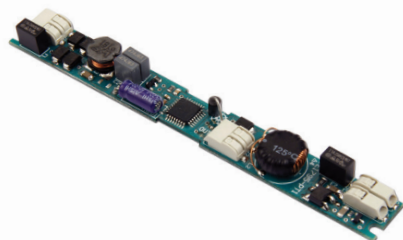
Made in Italy



constant  
CURRENT

RIPPLE  
FREE

AM  
PWM  
DIMMING



Open frame solution, case and internal cables not included  
Soluzione senza contenitore, contenitore e cablaggi non inclusi



**Rated Voltage**  
Tensione Nominale  
48 Vdc

**Power**  
Potenza  
1 ÷ 28 W

**Output current ripple**  
≤ 3% <sup>(1)</sup>

**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

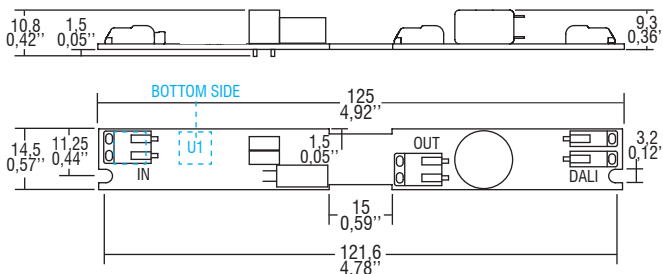
| Article<br>Articolo                    | Code<br>Codice | W<br>@48V | I out<br>DC  | V<br>out | U out<br>V | ta<br>°C  | tc U1<br>°C | η max.<br>Efficiency |
|----------------------------------------|----------------|-----------|--------------|----------|------------|-----------|-------------|----------------------|
| LV HR TRACK DALI 200 OF                | 126034/200OF   | 8         | 200 mA cost. | 3...40 V | 48         | -25...+60 | 90          | > 94 %               |
| LV HR TRACK DALI 250 OF                | 126034/250OF   | 10        | 250 mA cost. | 3...40 V | 48         | -25...+60 | 90          | > 95 %               |
| LV HR TRACK DALI 350 OF                | 126034/350OF   | 13        | 350 mA cost. | 3...40 V | 48         | -25...+60 | 90          | > 93 %               |
| LV HR TRACK DALI 400 OF                | 126034/400OF   | 16        | 400 mA cost. | 3...40 V | 48         | -25...+60 | 90          | > 95 %               |
| LV HR TRACK DALI 500 OF                | 126034/500OF   | 20        | 500 mA cost. | 3...40 V | 48         | -25...+60 | 90          | > 94 %               |
| LV HR TRACK DALI 600 OF                | 126034/600OF   | 24        | 600 mA cost. | 3...40 V | 48         | -25...+60 | 90          | > 96 %               |
| LV HR TRACK DALI 700 OF                | 126034/700OF   | 28        | 700 mA cost. | 3...40 V | 48         | -25...+60 | 90          | > 93 %               |
| LV HR TRACK DALI 900 OF <sup>(2)</sup> | 126034/900OF   | 11        | 900 mA cost. | 3...12 V | 48         | -25...+60 | 90          | > 93 %               |

<sup>(1)</sup> Referred to 100% load - Riferito a carico 100%

<sup>(2)</sup> Without ENEC - Senza ENEC / Without RCM - Senza RCM

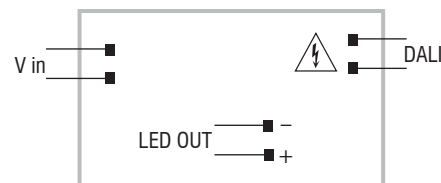


Weight - Peso: gr. 17 / 0,6 oz.  
Pcs - Pezzi 50



**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.
- 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 mm<sup>2</sup> / 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".
- 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 mm<sup>2</sup> / 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  
5% FAILURE RATE  
TCI