LV HR TRACK 2L 1-10V

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

www.tci.it

10.2

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.
- Local light regulation 0/1 - 100 % by means of 0/1...10 V interface (I=0,35 mA) or 100 Kohm potentiometer.
- **Dimming AM+PWM**: 1-25% PWM 2 kHz+25-100% AM.
- 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 overheating and short-circuits;
  - polarity switching at input (not for 0/1...110V port);
  - against overloads.
- Current regulation -8 %...+5 % including temperature variations.

Specifications

- Rated Voltage: 48 Vdc
- Power: 1 ÷ 28 W
- Output current ripple: ≤ 3 %

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

Table 1 - Tabella 1

<table>
<thead>
<tr>
<th>Article Articolo</th>
<th>Code Codice</th>
<th>W @48V</th>
<th>I out DC</th>
<th>Jumper JP1</th>
<th>Jumper JP2</th>
<th>U out V</th>
<th>ta °C</th>
<th>tc U1 °C</th>
<th>Efficiency</th>
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<tbody>
<tr>
<td>LV HR TRACK 2L 1-10V 357 OF</td>
<td>1260460F</td>
<td>13</td>
<td>350 mA cost.</td>
<td>-</td>
<td>-</td>
<td>48</td>
<td>-25...+60</td>
<td>90</td>
<td>&gt; 93</td>
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<td></td>
<td>20</td>
<td>500 mA cost.</td>
<td>-</td>
<td>-</td>
<td>ON</td>
<td>-</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>22</td>
<td>550 mA cost.</td>
<td>ON</td>
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<td>-</td>
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<td>28</td>
<td>700 mA cost.</td>
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<td>LV HR TRACK 2L 1-10V 246 OF</td>
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<td>&gt; 90</td>
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<td>400 mA cost.</td>
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<td>-</td>
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</tr>
</tbody>
</table>

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

New Available

Rated Voltage
Tensione Nominale
48 Vdc

Wiring diagram - Schema di collegamento
(Max. LED distance at page info8 - Massima distanza LED a pagina info8)