

# DC 70W 24V DALI SLIM

Direct current dimmable electronic drivers  
Alimentatori elettronici regolabili in corrente continua

Made in Italy 



**Rated Voltage**  
Tensione Nominale  
220 ÷ 240 V

**Frequency**  
Frequenza  
50/60 Hz

**AC Operation range**  
Tensione di utilizzo AC  
198 ÷ 264 V

**DC Operation range**  
Tensione di utilizzo DC  
(see page info15)  
DC 176 ÷ 264 V

**Power**  
Potenza  
0 ÷ 70 W

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

**Standards compliance**  
EN 50172 (VDE 0108)  
EN 55015  
EN 61000-3-2  
EN 61000-3-3  
EN 61347-1  
EN 61347-2-13  
EN 61547  
EN 62386-101  
EN 62386-102  
EN 62386-207  
VDE 0710-T14

**Max. pcs for CB B16A**  
(see page info17)  
15 pcs

**In rush current**  
15A 600μsec

Article Articolo	Code Codice	P out W	V out DC	I out DC	ta °C	tc °C	λ max. Power Factor	η max. Efficiency <sup>(1)</sup>
DC 70W 24V DALI SLIM	127960	70	24	2,9 A max.	-25...+50	75	0,95	> 87

<sup>(1)</sup> Referred to  $V_{in} = 230$  V, 100% load - Riferito a  $V_{in} = 230$  V, carico 100%

## Features

- Driver for built-in use.
- It can be used for lighting equipment in protection class I.
- Input and output terminal blocks on opposite sides.
- Single terminal at the primary and secondary circuit (wire cross-section up to 1,5 mm<sup>2</sup> / AWG15).
- Class I protection against electric shock for direct or indirect contact.
- Driver can be secured with slot for screws.
- Protections:
  - against overheating and short circuits;
  - against mains voltage spikes;
  - against overloads;
  - protection fuse at input.

## Caratteristiche

- Alimentatore da incorporare.
- Utilizzabile per apparecchi di illuminazione in classe di protezione I.
- Morsetti di entrata e uscita contrapposti.
- Singolo morsetto su primario e secondario (sezione cavo fino a 1,5 mm<sup>2</sup> / AWG15).
- Protetto in classe I contro le scosse elettriche per contatti diretti e indiretti.
- Fissaggio dell'alimentatore tramite asole per viti.
- Protezioni:
  - termica e cortocircuito;
  - contro le extra-tensioni di rete;
  - contro i sovraccarichi;
  - fusibile di protezione all'ingresso.

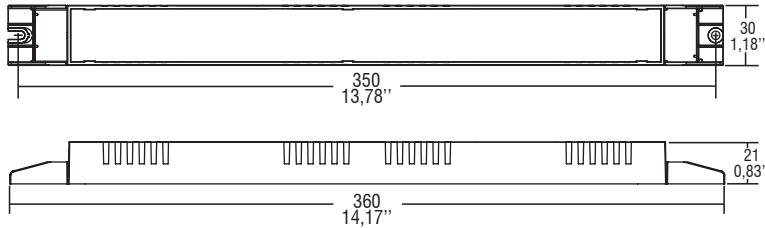


The data shown are preliminary and may change - I dati riportati sono preliminari e potrebbero subire variazioni

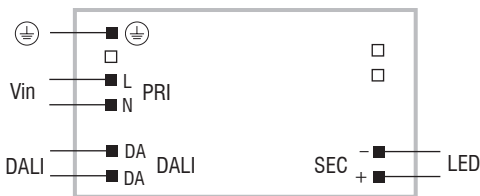
5.2.2

Constant voltage drivers - Linear case - Dimmable  
Alimentatori a tensione costante - Formato lineare - Regolabili

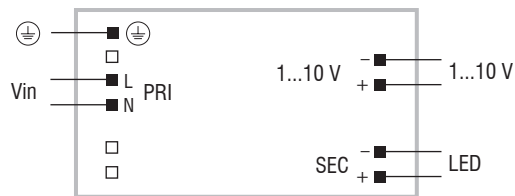
**BUILT-IN SCREW FIXING** Weight - Peso gr. 215 / 7,6 oz.  
 Pcs - Pezzi 70  
 Compatible with ZHAGA (BL3/ZS7 H5D/ ZS7 H7D)



**Wiring diagrams - Schemi di collegamento** (Max. LED distance at page info8 - Massima distanza LED a pagina info8)



DALI diagram - Collegamento DALI



1...10 V diagram - Collegamento 1...10 V

**Operation Mode**

- Light regulation 0/1 - 100 % by means of 0/1...10 V (I = 1 mA), 100 Kohm potentiometer or DALI.
- PWM dimming at 500 Hz.
- Features DALI dimming:
  - memory function for sets or light groups;
  - recall of stored functions;
  - compatible with standard DALI interfaces.
- Specific dimming terminal connection with a 0/1...10 Vdc electronic potentiometer (0/1...10 V local dimming, double insulation required for external connection).

For additional details for regulations see pages info12-14.

**5.2.2**

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