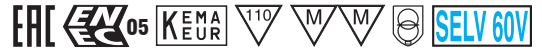


DC 24V SLIM R - 1...10 V

Direct current dimmable electronic drivers
Alimentatori elettronici regolabili in corrente continua



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)
198 ÷ 264 V
(NO PUSH mode function)

Power - Potenza
0 ÷ 150 W

iTHD
≤ 20% ⁽¹⁾

Stand by power
≤ 0,5 W

Output current ripple
≤ 3% ⁽¹⁾

Standards compliance
EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61347-1
EN 61347-2-13
EN 61547
VDE 0710-T14

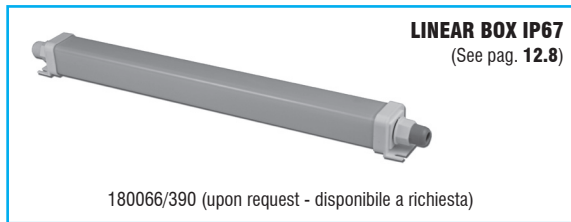
Max. pcs for CB B16A
(see page info17)
30W: 36 pcs
60W: 19 pcs
100W: 12 pcs
150W: 8 pcs

In rush current
30W: 10A 30μsec
60W: 38A 175μsec
100W: 45A 230μsec
150W: 64A 230μsec

| Article Articolo | Code Codice | P out W | V out DC | I out DC | ta °C | tc °C | λ max. Power Factor | η max. Efficiency ⁽¹⁾ |
|-----------------------------------|----------------|------------|-------------|-------------|-----------|----------|---------------------------|-------------------------------------|
| DC 30W 24V SLIM R | 127953 | 30 | 24 cost. | 1,25 A max. | -20...+50 | 75 | 0,9 C | > 83 |
| DC 60W 24V SLIM R | 127951 | 60 | 24 cost. | 2,5 A max. | -20...+50 | 80 | 0,95 | > 87 |
| DC 100W 24V SLIM R | 127955 | 100 | 24 cost. | 4,16 A max. | -20...+50 | 80 | 0,95 | > 91 |
| DC 150W 24V SLIM R ⁽²⁾ | 127957 | 150 | 24 cost. | 6,25 A max. | -20...+50 | 75 | 0,98 | > 92 |

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

| Accessories not supplied - Accessori non a corredo | |
|--|---------------|
| Article - Articolo | Code - Codice |
| REG 1-10 V (12.3) | 123999L |
| WIRELESS INTERFACES (W) | - |



Excluded 150W

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 mm² / AWG15).
- Driver can be secured with slot for screws.
- Protections:
 - against overheating and short circuits;
 - against mains voltage spikes;
 - against overloads;
 - protection fuse at input.

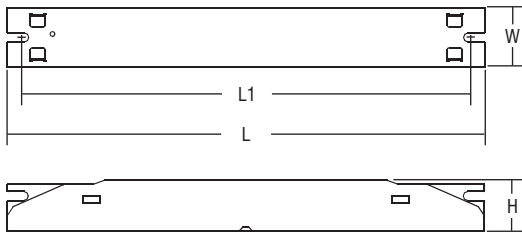
Caratteristiche

- 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 mm² / AWG15).
- 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.

5.2.2

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

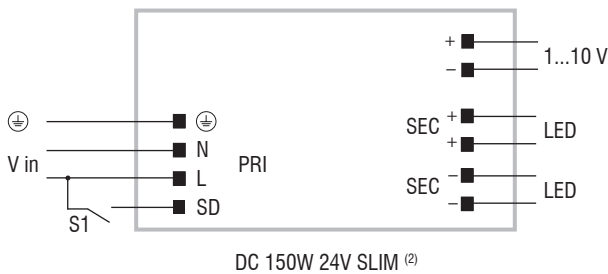
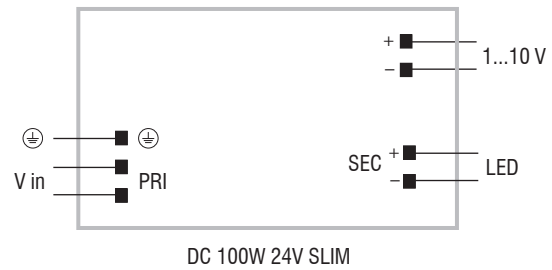
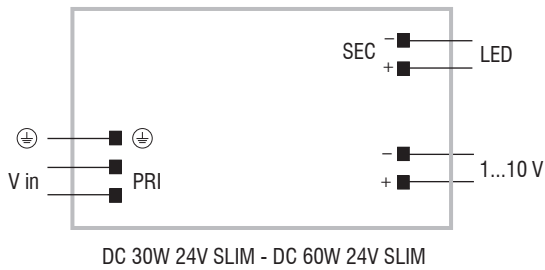
Direct current dimmable electronic drivers
Alimentatori elettronici regolabili in corrente continua



| Articole Articolo | Dimensions - Dimensioni | | | | Weight Peso | Pcs Pezzi |
|-------------------------|-------------------------|-------|------|------|--------------------|--------------|
| | L | L1 | W | H | | |
| DC 30W 24V SLIM | 235 | 218,5 | 30 | 22 | gr. 180 - 6,4 oz. | 80 |
| DC 60W 24V SLIM | 280 | 265 | 30 | 22 | gr. 307 - 10,8 oz. | 56 |
| DC 100W 24V SLIM | 360 | 350 | 30,4 | 22,5 | gr. 369 - 13 oz. | 48 |
| DC 150W 24V SLIM | 425 | 415 | 45 | 22,5 | gr. 575 - 20,3 oz. | 24 |

Wiring diagram - Schema di collegamento

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



Operation Mode

- Light regulation by means of 1...10 V:
 - 3-100% for 30W
 - 0/2-100% for 60W
 - 1-100% for 100W
 - 2-100% for 150W
- ⁽²⁾ BILEVEL operations:
 - with S1 ON (closed): 30% LED OUT / 1...10 V disabled;
 - with S1 OFF (open): 100% LED OUT / 1...10 V enabled.
- ATTENTION: only use switch with no incorporated warning light.
 For additional details for regulations see pages info12-14.

Modalità di funzionamento

- Regolazione della luminosità mediante funzione 1...10 V:
 - 3-100% per 30W
 - 0/2-100% per 60W
 - 1-100% per 100W
 - 2-100% per 150W
- ⁽²⁾ funzionalità BILEVEL:
 - switch S1 ON (chiuso): 30% uscita LED / 1...10 V disabilitato;
 - switch S1 OFF (aperto): 100% uscita LED / 1...10 V abilitato.
- ATTENZIONE: usare solo switch privi di spia luminosa incorporata.
 Per ulteriori dettagli sulle regolazioni vedi pagine info12-14.

5.2.2

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