

Direct current electronic drivers Alimentatori elettronici in corrente continua

constant
VOLTAGE

**RIPPLE
FREE**

Pst LM ≤ 1
SVM $\leq 0,4$

EAC 05 **SELV 60V**



CVD FLAT 30/75/150W



CVD FLAT 200W



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

**Frequency
Frequenza**
50-60 Hz

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

Power - Potenza
0 ÷ 200 W

iTHD
 $\geq 15\%$ ⁽¹⁾

Output current ripple
 $\leq 3\%$ ⁽¹⁾

Standards compliance
EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61347-1
EN 61347-2-13
EN 61547
EN 62384

Max. pcs for CB B16A

(see page info17)
30W: 12 pcs
75W: 3 pcs
150W: 2 pcs
200W: 2 pcs

In rush current

30W: 40A
75W: 100A
150W: 180A
200W: 180A

| Article Articolo | Code Codice | P out W | V out DC ⁽¹⁾ | I out DC | ta °C | tc °C | λ max. Power Factor | η max. Efficiency ⁽¹⁾ |
|----------------------|----------------|------------|----------------------------|-------------|-----------|----------|-----------------------------------|--|
| CVD FLAT 30W | 145110 | 30 | 24 | 1,25 A max. | -20...+45 | 85 | 0,9 C Pout ≥ 16 W | > 85 % |
| CVD FLAT 75W | 145111 | 30...75 | 24 | 3,12 A max. | -20...+45 | 85 | 0,9 C Pout ≥ 43 W | > 90 % |
| CVD FLAT 150W | 145112 | 57...150 | 24 | 6,25 A max. | -20...+40 | 85 | 0,95 Pout ≥ 57 W | > 89 % |
| CVD FLAT 200W | 145113 | 135...200 | 24 | 8,33 A max. | -20...+40 | 85 | 0,95 Pout ≥ 135 W | > 92 % |

⁽¹⁾ Referred to $V_m = 230$ V, 100% load - Riferito a $V_m = 230$ V, carico 100%

Features

- IP20 independent driver, for indoor use.
- Class II protection against electric shock for direct or indirect contact.
- Input and output terminal blocks on opposite sides (wire cross-section up to 2,5 mm² / AWG13).
- 200 W: Input and output terminal blocks on opposite sides (wire cross-section up to 4 mm² / AWG11).
- Clamping screws on primary and secondary circuits for cables with diameter: min. 3 mm - max. 8 mm.
- Protections:
 - against overheating and short circuits;
 - against mains voltage spikes;
 - against overloads.
- Thermal protection = C.5.e.

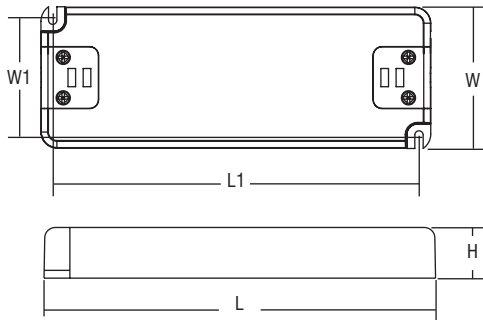
Caratteristiche

- Alimentatore indipendente IP20, per uso interno.
- Protetto in classe II contro le scosse elettriche per contatti diretti e indiretti.
- Morsetti di entrata e uscita contrapposti (sezione cavo fino a 2,5 mm² / AWG13).
- 200 W: morsetti di entrata e uscita contrapposti (sezione cavo fino a 4 mm² / AWG11).
- Serracavo su primario e secondario per cavi di diametro: min. 3 mm - max. 8 mm.
- Protezioni:
 - termica e cortocircuito;
 - contro le extra-tensioni di rete;
 - contro i sovraccarichi.
- Protezione termica = C.5.e.

5.1.1

Constant voltage drivers - Compact case - Not dimmable
Alimentatori a tensione costante - Formato compatto - Non regolabili

Direct current electronic drivers
Alimentatori elettronici in corrente continua



| Articole Articolo | Dimensions - Dimensioni | | | | | Weight Peso | |
|----------------------|-------------------------|-------|----|------|----|---------------------|------------|
| | L | L1 | W | W1 | H | | |
| CVD FLAT 30W | 160 | 148 | 58 | 47 | 18 | gr. 150 / 5,29 oz. | 60 / 2,36" |
| CVD FLAT 75W | 160 | 148 | 58 | 47 | 18 | gr. 170 / 5,99 oz. | 60 / 2,36" |
| CVD FLAT 150W | 180 | 167,8 | 58 | 47,2 | 20 | gr. 300 / 10,58 oz. | 61 / 2,40" |
| CVD FLAT 200W | 205 | 190 | 71 | 56 | 35 | gr. 750 / 26,45 oz. | 79 / 3,11" |

Wiring diagram - Schema di collegamento

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



5.1.1

Constant voltage drivers - Compact case - Not dimmable
 Alimentatori a tensione costante - Formato compatto - Non regolabili