

## Direct current electronic drivers Alimentatori elettronici in corrente continua

constant  
**VOLTAGE**

**RIPPLE FREE**

Pst LM  $\leq 1$   
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**  
 $\geq 15\%$  <sup>(1)</sup>

**Output current ripple**  
 $\leq 3\%$  <sup>(1)</sup>

**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 <sup>(1)</sup>	I out DC	ta °C	tc °C	$\lambda$ max. Power Factor	$\eta$ max. Efficiency <sup>(1)</sup>
<b>CVD FLAT 30W</b>	145110	30	24	1,25 A max.	-20...+45	85	0,9 C Pout $\geq 16$ W	> 85 %
<b>CVD FLAT 75W</b>	145111	30...75	24	3,12 A max.	-20...+45	85	0,9 C Pout $\geq 43$ W	> 90 %
<b>CVD FLAT 150W</b>	145112	57...150	24	6,25 A max.	-20...+40	85	0,95 Pout $\geq 57$ W	> 89 %
<b>CVD FLAT 200W</b>	145113	135...200	24	8,33 A max.	-20...+40	85	0,95 Pout $\geq 135$ W	> 92 %

<sup>(1)</sup> 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 mm<sup>2</sup> / AWG13).
- 200 W: Input and output terminal blocks on opposite sides (wire cross-section up to 4 mm<sup>2</sup> / AWG11).
- Clamping screws on primary and secondary circuits for cables with diameter: min. 3 mm - max. 8 mm.
- Protezioni:
  - against overheating and short circuits;
  - against mains voltage spikes;
  - against overloads.
- Thermal protection = C.5.e.

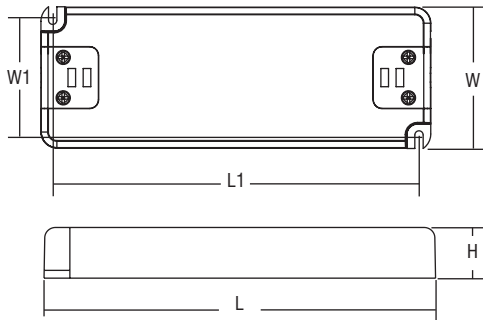
### Caratteristiche

- 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 mm<sup>2</sup> / AWG13).
- 200 W: morsetti di entrata e uscita contrapposti (sezione cavo fino a 4 mm<sup>2</sup> / 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

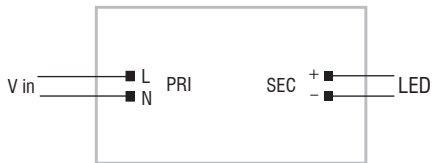
**Direct current electronic drivers**  
**Alimentatori elettronici in corrente continua**



Articole Articolo	Dimensions - Dimensioni					Weight Peso	
	L	L1	W	W1	H		
<b>CVD FLAT 30W</b>	160	148	58	47	18	gr. 150 / 5,29 oz.	60 / 2,36"
<b>CVD FLAT 75W</b>	160	148	58	47	18	gr. 170 / 5,99 oz.	60 / 2,36"
<b>CVD FLAT 150W</b>	180	167,8	58	47,2	20	gr. 300 / 10,58 oz.	61 / 2,40"
<b>CVD FLAT 200W</b>	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)



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