

Direct current electronic drivers
Alimentatori elettronici in corrente continua

constant
VOLTAGE

RIPPLE FREE

Pst LM ≤ 1
SVM ≤ 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
≥ 15% ⁽¹⁾

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
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_{in} = 230 V, 100% load - Riferito a V_{in} = 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.

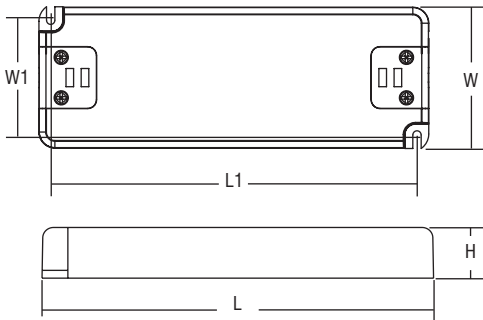
Caratteristiche

- 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

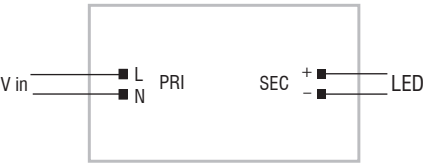
Constant voltage drivers - Compact case - Not dimmable
Alimentatori a tensione costante - Formato compatto - Non regolabili

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Article 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

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Alimentatori a tensione costante - Formato compatto - Non regolabili