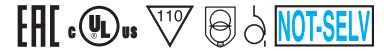


Direct current dimmable electronic drivers
Alimentatori elettronici regolabili in corrente continua



DIM-TO-WARM



Article - Articolo	Code - Codice
FPD PROGRAMMING TOOL	127098
LINK TO DOWNLOAD PROGRAMMING SOFTWARE LINK PER SCARICARE SOFTWARE DI PROGRAMMAZIONE www.tci.it/TCI_tools/FPD_PROGRAMMING_TOOL_127098.zip	



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

4.4

High power programmable

Rated Voltage
Tensione Nominale
 120 ÷ 277 V

Frequency
Frequenza
 50-60 Hz

AC Operation range
Tensione di utilizzo AC
 108 ÷ 305 V

Power - Potenza
 18 ÷ 200 W

iTHD
 $\leq 20\%$ ⁽¹⁾

Stand by power
 $\leq 0,5\text{ W}$

Output current ripple
 $\leq 5\%$ ⁽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)

75W: 8 pcs
 100W: 8 pcs
 150W: 5 pcs
 200W: 4 pcs

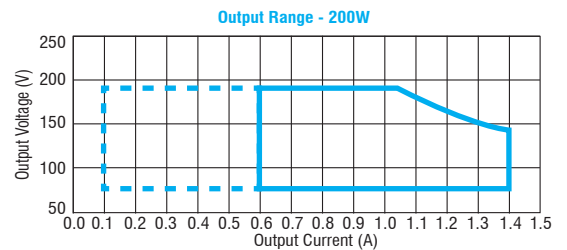
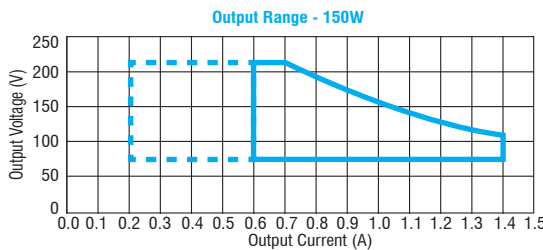
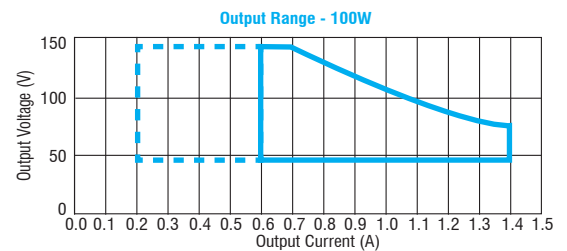
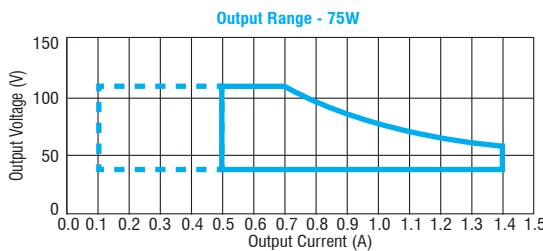
In rush current

75W: 65A 250 μ sec
 100W: 65A 250 μ sec
 150W: 110A 250 μ sec
 200W: 180A 200 μ sec

Power Factor

75W: λ for $P_o=40\text{ W}$ ⁽²⁾
 100W: λ for $P_o=34\text{ W}$ ⁽²⁾
 150W: λ for $P_o=53\text{ W}$ ⁽²⁾
 200W: λ for $P_o=53\text{ W}$ ⁽²⁾

Article Articolo	Code Codice	P out W	V out DC ⁽¹⁾	I out DC	Default I out DC	U out V	ta °C	tc °C	λ max. Power Factor ⁽²⁾	η max. Efficiency ⁽¹⁾
VEGA 75/500-1400 FPD	127800	18...75	36...107	500...1400 mA cost.	700 mA	120	-40...+65	80	0,95	> 92
VEGA 100/600-1400 FPD	127801	28...100	47...143	600...1400 mA cost.	700 mA	170	-40...+65	80	0,95	> 92
VEGA 150/600-1400 FPD	127802	43...150	72...214	600...1400 mA cost.	700 mA	250	-40...+65	85	0,95	> 93
VEGA 200/600-1400 FPD	127803	45...200	75...190	600...1400 mA cost.	1050 mA	230	-40...+65	90	0,95	> 94



— Programmed Range - - - - - 1-10V DIM Range

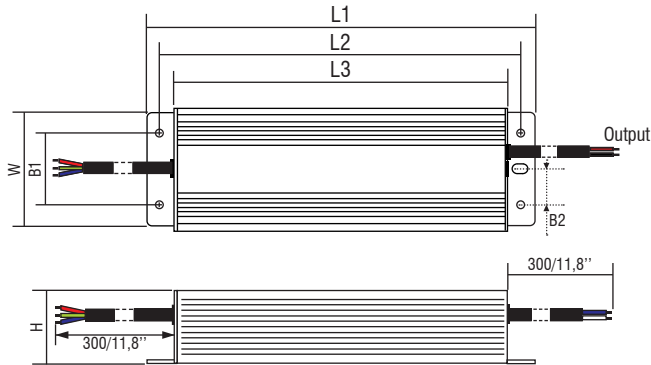
Features

- **Multipower driver with programmable current.**
- Built-in driver with case IP52 (see page info7 for the correct connection of connecting leads).
- Class II protection against electric shock for direct or indirect contact.
- Active Power Factor Corrector.
- Auxiliary output 12 V max. 50 mA.
- Analogical input for thermal sensor connection.
- Current regulation $\pm 10\%$ including temperature variations.
- Supplied with connecting leads on primary and secondary circuits for connection.
- Protections:
 - against overheating and short circuits;
 - against mains voltage spikes;
 - against overloads.
- Thermal protection = C.5.a.

Caratteristiche

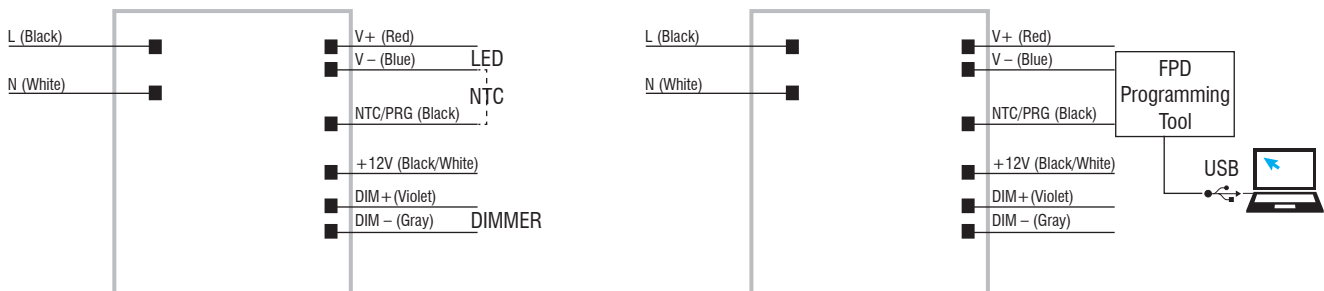
- **Alimentatore multipotenza con correnti programmabili.**
- Alimentatore da incorporare con case IP52 (vedi pagina info7 per il corretto collegamento dei cavi di connessione).
- Protetto in classe II contro le scosse elettriche per contatti diretti e indiretti.
- PFC attivo.
- Uscita ausiliare 12 V max. 50 mA.
- Entrata analogica per sensore termico.
- Corrente regolata $\pm 10\%$ include variazioni di temperatura.
- Fornito di cavi di connessione su primario e secondario per il collegamento.
- Protezioni:
 - termica e cortocircuito;
 - contro le extra-tensioni di rete;
 - contro i sovraccarichi.
- Protezione termica = C.5.a.

Direct current dimmable electronic drivers
Alimentatori elettronici regolabili in corrente continua



Article Articolo	Dimensions - Dimensioni						Weight - Peso
	L1	L2	L3	W	H	B1	
VEGA 75/500-1400 FPD IP67	168	153	139	60	38	43	gr. 659 / 23,3 oz.
VEGA 100/600-1400 FPD IP67	168	153	139	60	38	43	gr. 689 / 24,3 oz.
VEGA 150/600-1400 FPD IP67	241	226	212	60	38	43	gr. 1013 / 35,8 oz.
VEGA 200/600-1400 FPD IP67	241	226	212	60	38	43	gr. 1077 / 38 oz.

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



Operation Mode

- **FULL PROGRAMMABLE (FPD)** devices allow the user to set different parameters without need of switching on the product.
- The main available features are: **CURRENT** setting (AOC step 1 mA), **MIDNIGHT** functions, **NTC**, **1...10 V** dimming (I=0,25 mA).
- The **FULL PROGRAMMABLE (FPD)** functions can be set with the **FPD PROGRAMMING TOOL** interface through **NTC/V-** port.
- Light regulation: 10-100% (minimum dimming current 100 mA).
- Dimming method is linear.

For additional details for regulations see pages info12-14.

Modalità di funzionamento

- I dispositivi **FULL PROGRAMMABLE (FPD)** permettono all'utente di impostare diversi parametri senza la necessità di accendere il prodotto.
- Le principali caratteristiche disponibili sono: settaggio della **CORRENTE** (AOC step 1 mA), funzioni **MIDNIGHT**, **NTC**, dimmerazione **1...10 V** (I=0,25 mA).
- Le funzioni **FULL PROGRAMMABLE (FPD)** possono essere impostate con l'interfaccia **FPD PROGRAMMING TOOL** tramite porta **NTC/V-**.
- Regolazione della luminosità: 10-100% (corrente minima in regolazione 100 mA).
- La dimmerazione è di tipo lineare.

Per ulteriori dettagli sulle regolazioni vedi pagine info12-14.