

Single Channel DC to DC Converters

PWM Dimmable LED Driving Converters Constant Current

Constant Current LED Drivers 

- Converts PWM power supply to constant current.
- Low power consumption / High efficiency.
- PWM frequency from 100Hz to 2kHz.
- Dimming output from 0% to 100%.
- 48VDC or 24VDC power supply.
- Low inrush & surge current.
- Reverse polarity and fuse protection.
- Compact design. Suitable for small cutting holes.
- $T_a = -20^{\circ}\text{C}..+50^{\circ}\text{C}$
- IP66




Designed & Manufactured
by ELECTRON SA

48VDC PWM Dimmable

Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Efficiency	Control Input	
DEM.233	48VDC	6V-42VDC	150mA	1	0,9-6,3W	> 90%	PWM Dimmable. (100Hz - 2000Hz)	
DEM.234			200mA		1,2-8,4W			
DEM.235			250mA		1,5-10,5W			
DEM.236			300mA		1,8-12,6W			
DEM.237			350mA		2,1-14,7W			
DEM.238			500mA		3,0-21,0W			
DEM.239			600mA		3,6-25,2W			
DEM.240			700mA		4,2-29,4W			
DEM.269			10V-42VDC		800mA			8-33,6W
DEM.270					900mA			9-37,8W
DEM.271	1050mA	10,5-44,1W						

24VDC PWM Dimmable

Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Efficiency	Control Input
DEM.241	24VDC	3V-20VDC	150mA	1	0,45-3,0W	> 90%	PWM Dimmable. (100Hz - 2000Hz)
DEM.242			200mA		0,6-4,0W		
DEM.243			250mA		0,75-5,0W		
DEM.244			300mA		0,9-6,0W		
DEM.245			350mA		1,05-7,0W		
DEM.246			500mA		1,5-10,0W		
DEM.247			600mA		1,8-12,0W		
DEM.248			700mA		2,1-14,0W		

