

Single Channel DC to DC Converters

IP68 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 (20mm).
- V-0 flame retardant plastic case.
- Power cables: H05RN-F 2x0.75mm L=15cm
- $t_a = -20^{\circ}\text{C}..+50^{\circ}\text{C}$
- Ingress Protection: IP68




Designed & Manufactured
by ELECTRON SA

48VDC PWM Dimmable

Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Efficiency	Control Input
DEM.273	48VDC	6V-42VDC	150mA	1	0,9-6,3W	>90%	PWM Dimmable. (100Hz - 2000Hz)
DEM.274			200mA		1,2-8,4W		
DEM.275			250mA		1,5-10,5W		
DEM.276			300mA		1,8-12,6W		
DEM.277			350mA		2,1-14,7W		
DEM.278			500mA		3,0-21,0W		
DEM.279			600mA		3,6-25,2W		
DEM.280			700mA		4,2-29,4W		

24VDC PWM Dimmable

Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Efficiency	Control Input
DEM.281	24VDC	3V-20VDC	150mA	1	0,45-3,0W	>90%	PWM Dimmable. (100Hz - 2000Hz)
DEM.282			200mA		0,6-4,0W		
DEM.283			250mA		0,75-5,0W		
DEM.284			300mA		0,9-6,0W		
DEM.285			350mA		1,05-7,0W		
DEM.286			500mA		1,5-10,0W		
DEM.287			600mA		1,8-12,0W		
DEM.288			700mA		2,1-14,0W		

