

Constant Voltage Mini 12V / 24V Non-dimmable <12W



- Super compact design
- Pre wired primary and secondary sides
- Constant Voltage [Parallel Circuit]
- Operating temp range -20.. +50°C
- Overload / Short Circuit Protection
- Overheat protection
- Self extinguishing Plastic housing
- 5 Year Warranty



CODE	OUTPUT CURRENT [A]	MIN-MAX OUTPUT [W]	INPUT VOLTAGE [V]	OUTPUT VOLTAGE [V]	POWER FACTOR [λ]	DIMENSIONS L x W x H [mm]	IP RATING	CLASS
DCV12-M-4W-IP	0 - 0.33A	0-4W	100-240V~ 50/60Hz	12V	0.40C	L38 x W27 x H21mm	IP65	□
DCV12-M-12W-IP	0 - 1.0A	0-12W	220-240V~ 50/60Hz	12V	0.90C	L50 x W48 x H24mm		
DCV24-M-4W-IP	0 - 0.17A	0-4W	100-240V~ 50/60Hz	24V	0.40C	L38 x W27 x H21mm		
DCV24-M-12W-IP	0 - 0.5A	0-12W	220-240V~ 50/60Hz	24V	0.90C	L50 x W48 x H24mm		

ACCESSORY

	CODE	DESCRIPTION	DIMENSIONS [mm]
	GL240	Loop-in / loop-out go-link mains adaptor. For use with compact and/or European style control gear with small mains terminals. Complete with 125mm (2x0.75mm ²) mains feed cable pre-wired, terminal block and cable clamp.	L84.2 x W41.6 x H24mm

IMPORTANT

When choosing a Constant Voltage LED driver you must observe the total load requirements of your light source/s to ensure you are using the correct driver. A common sign that your circuit is below the minimum load of the driver is slow or delayed response to input, poor dimming and/or instability or flickering. A common sign that your circuit exceeds the maximum output of your chosen driver is flashing / strobing lighting. Overload will trigger the self-protection/reset function of the driver causing the circuit to flash on and off repeatedly.

For Constant Voltage Parallel circuits, as a rule of thumb Halcyon recommends using a driver approximately double the circuit load. This is due to the inrush current of the connected circuit which can momentarily exceed the maximum amperage of the driver, triggering the self-protection/reset function. Example, for 50W 24V DC load with multiple connections use 100W+ Driver. However, for Halcyon CV LED Tape, due to the resistors on the PCB. Only approx. 20% headroom is required e.g. 80W load use 100W+ driver. If in doubt, choose a larger driver.

WIRING DIAGRAMS

