

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

12/24V  
**CV** non  
**dim**

- 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 (2x0.75mm²) 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

