LED Indicator Information:

(MS) - Module Status (Red / Green):

- OFF = No power applied to module.
- ON Green = Module operating normally
- Flashing Green = Module in 'standby mode' may require commissioning
- Flashing Red = Recoverable fault detected OR power supply too low
- ON Red = Module has unrecoverable fault detected - contact factory
- Flashing Red/Green = Module is in 'Self-Test' mode

Digital Input Status (Green):

- Normally OFF, turns ON when input is active. Inputs can be programmed as active HI or active LO.

PWM% Outputs (Red / Green):

- The LED's will change from Red (0%) to Green (100%) through Yellow (50%), to indicate the duty cycle status of the corresponding output

MS and NS flashing Green:

- Alternating flashing Green means module is in program mode or being programmed with BIOS or application code

(NS) - Network Status (Red / Green):

- OFF = NO J1939 devices available
- Flashing Green = J1939 device detected but NO communication established
- ON Green = J1939 device detected and communication established successfully
- Flashing Red = The J1939 Bus is in a 'Timed-Out' state
- ON Red = The device has detected an error that has made it unable to communicate on the network - contact factory
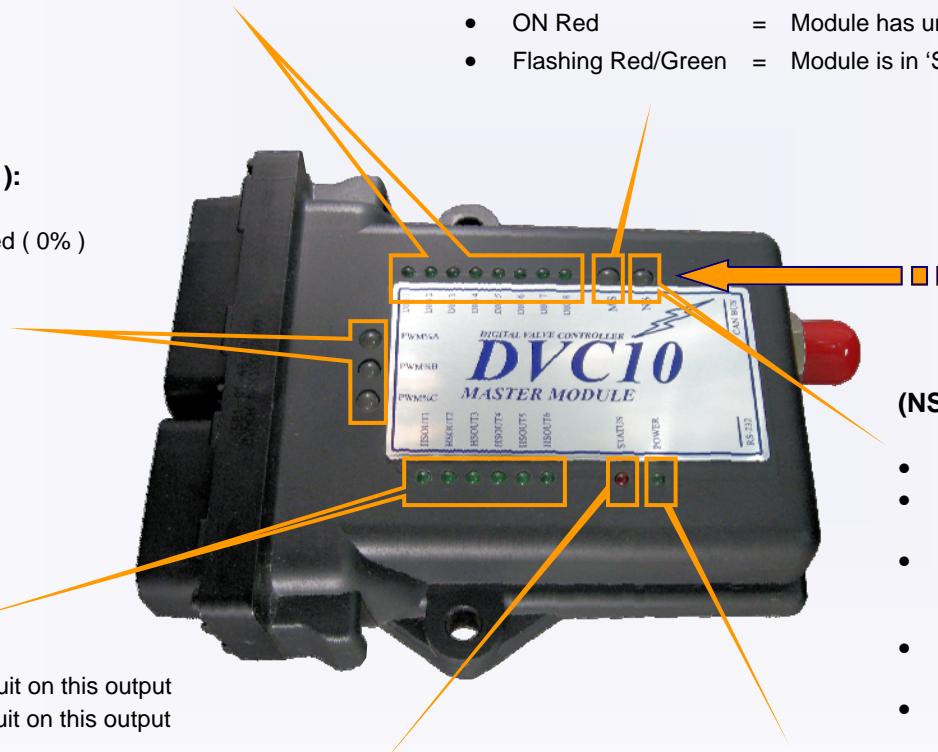
Output Status (Green):

- Off = Output is OFF
- ON = Output is active
- 1 blink/second = Open circuit on this output
- 4 blinks/second = Short circuit on this output

Status Indicator (Red):

- This indicator is programmable by the user application code and can show fault codes or display system operational conditions e.t.c.

Power Indicator (Green):

- ON when power supply is within correct limits, OFF below +8VDC and flashing above +30VDC.