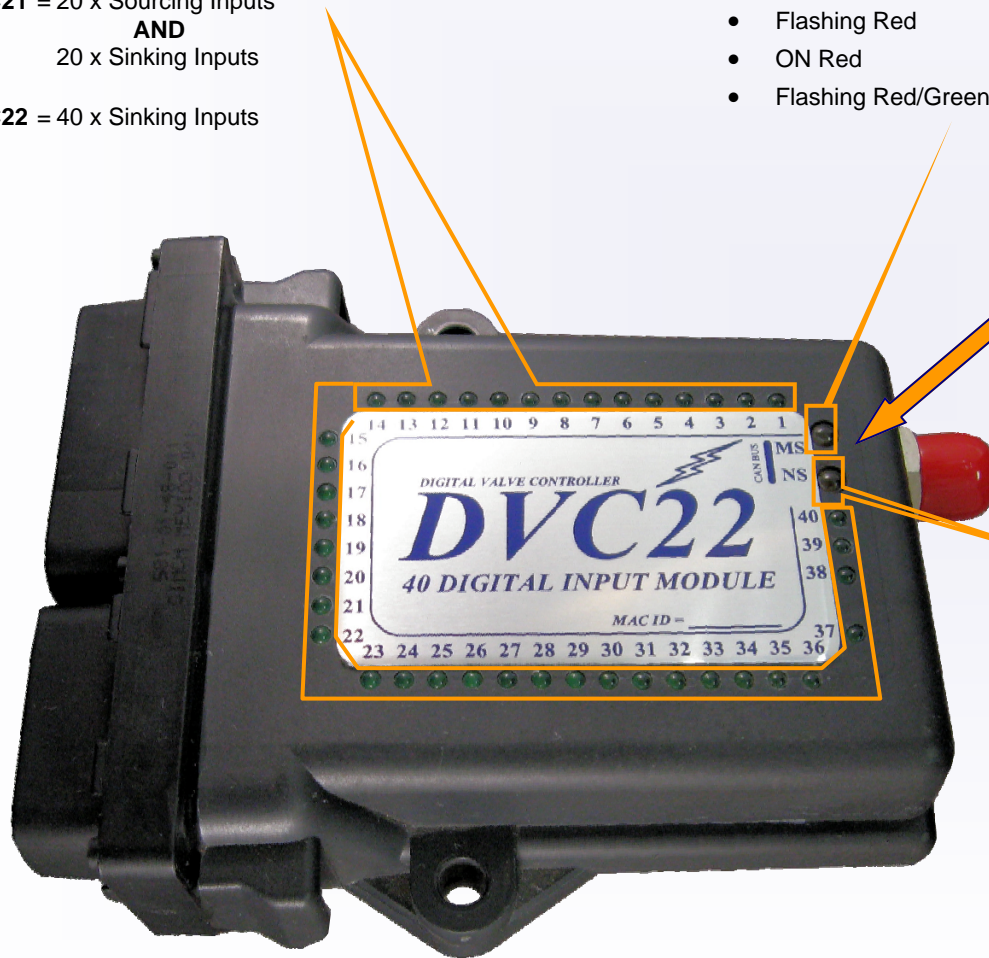## *LED Indicator Information:*

40 x Digital Input Status (Green):

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

- **DVC21** = 20 x Sourcing Inputs
  AND
  20 x Sinking Inputs

- **DVC22** = 40 x Sinking Inputs

(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

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

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