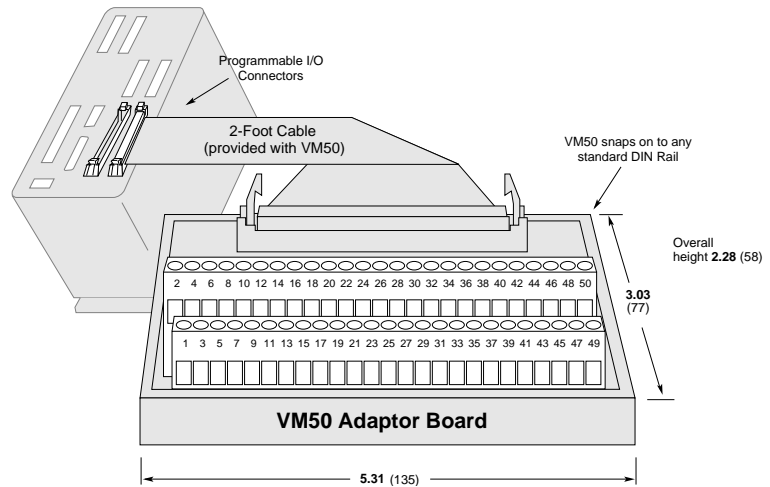


# VM50 Adaptor

If you wish to use screw terminal connections for the 24 programmable I/O, Compumotor offers the VM50 adaptor (p/n VM50). Screw terminal connections for both the 24 inputs and the 24 outputs will require two VM50 adaptors.

The pin numbers on the VM50's screw terminals correspond to the same pin outs on the Programmable Inputs and Programmable Outputs connectors. The VM50 simply attaches to the controller via the 2-foot, 50-pin ribbon cable that comes with the VM50 (see figure on right).



## Specifications

Parameter	Value
<b>Output</b>	
Sourcing Current	OFF = Equivalent to GND of load ON - V <sub>O</sub> -2VDC for 50 mA ON = V <sub>O</sub> -2.5VDC for 500 mA
Sinking Current	OFF = V <sub>O</sub> ON = ≤ 0.4VDC for 50 mA ON = < 2.5VDC for 500 mA
V <sub>O</sub> Range	5-24V
Active Level	Default is active low, but can be changed to active high with the OUTLVL command
<i>Note: Outputs are not short-circuit protected.</i>	
<b>Input</b>	
Switching levels	Low ≤ 1/3 (V <sub>i</sub> ) High ≥ 2/3 (V <sub>i</sub> )
V <sub>i</sub> Range	5-24V
Voltage Range	0-24V
Sourcing Current	Connect jumper for desired socket to position 3 (default)
Sinking Current	Connect jumper for desired socket to position 1
Status	Check with the TIN or INFNC command
Active Level	Set by 6000 Series controller/indexer. Default is active low, but can be changed to active high with the INLVL command.