

RE: New DC Input (sink type and external power supplied) modules for EMII/ H200/250/252B/C

Please be advised that we are introducing three new DC input modules for the EMII/ H200/250/252 Series PLCs. These are in addition to the three DC input modules currently available. Please note these are a supplement to the previous offering, and not a replacement or upgrade.

1. Model

Current Model *	Description (powered internally from power supply)
PIM-D	8-channel 24VDC input, sink type
PIM-DH	16-channel 24VDC input, sink type
PIM-DW	16-channel 24VDC input, sink type, removable terminal strip
NEW MODEL	Description (powered <u>externally</u> from outside source)
PIM-DG	8-channel 24VDC input, sink type
PIM-DGH	16-channel 24VDC input, sink type
PIM-DGW	16-channel 24VDC input, sink type, removable terminal strip

Note: Production of current models will continue.

2. Features

By utilizing input current from an external source, the limitation on the number of outputs that can be on at one time without overloading the main power supply module is expanded.

3. Caution

Users of the LINK-02H and TLINK-02H modules that also use DC Input Modules should use these new DC input modules.

Model		PIM-DG	PIM-DGH/ PIM-DGW
Item			
Input Specification		DC Input (sink)	
Nominal Voltage		24 VDC	
Input Voltage		21.6 to 26 VDC	
Input Current		Approx. 9mA / 24VDC (impedance approx. 2.7k ohm)	
Max. Input Voltage	ON	19 V or more (resistance 300 ohm or less)	
	OFF	7 V or less (resistance 200k ohm or more)	
Max. Input Delay Time	ON → OFF	4 m Second	
	OFF → ON	4 m Second	
No. of Input Points		8 points	16 points
Common Input Connections		8 points / common terminal	
Polarity		Common Terminal (+)	
Isolation method		Photocoupler	
(Average) Current Consumption	CH1	0.5 m A + (No. of input ON points) X 0.5 MA	
	CH2	0 mA	
	CH3	0 mA	
Circuit Diagram			
External Wiring			