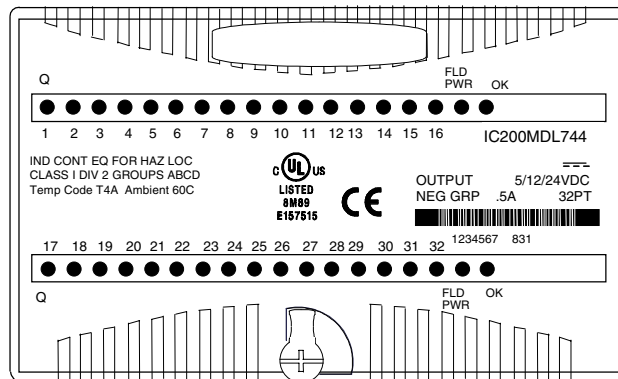


IC200MDL744 **Output Module, 5/12/24VDC Negative Logic 0.5 Amp, 32 Points**

Discrete output module IC200MDL744 provides two groups of 16 discrete outputs. The outputs are negative or sinking type outputs. They switch the loads to the negative (return) side of the DC supply and thus receive current from the loads.



An external DC power supply must be provided to switch power to the loads.

Intelligent processing for this module is performed by the CPU or NIU. The module receives 32 bits of discrete output data.

LED Indicators

Individual green LEDs indicate the on/off state of the output points. The LEDs are powered from the backplane. LED operation is dependent on the application of valid field power, but independent of load conditions.

The green FLD PWR LED is on when field power is applied to the module.

The green OK LED is on when backplane power is present to the module.

IC200MDL744

Output Module, 5/12/24VDC Negative Logic 0.5 Amp, 32 Points

Module Specifications

Module Characteristics	
Points	2 groups of 16 outputs
Module ID	80808080
Isolation:	
User input to logic (optical) and to frame ground	250VAC continuous; 1500VAC for 1 minute
Group to group	250VAC continuous; 1500VAC for 1 minute
Point to point	None
LED indicators	One LED per point shows individual point on/off state FLD PWR LED indicates field power is present OK LED indicates backplane power is present
Backplane current consumption	5V output: 140mA maximum
External power supply:	
5VDC-TTL mode	+4.75 to +5.25VDC, +5VDC nominal
12/24VDC mode	+10.2 to +30VDC, +12/24VDC nominal
Thermal derating	See diagrams
Output Characteristics	
Output voltage:	
5VDC-TTL mode	+4.75 to +5.25VDC, +5VDC nominal
12/24VDC mode	+10.2 to +30VDC, +12/24VDC nominal
Output voltage drop:	
5VDC-TTL mode	0.4V maximum
12/24VDC mode	0.3V maximum
Load current:	
5VDC-TTL mode	25mA maximum
12/24VDC mode	0.5A at 30VDC maximum (resistive) 2.0A inrush maximum for 100ms
Output leakage current	0.5mA at 30VDC maximum
On response time	0.2ms maximum
Off response time	1.0ms maximum
Protection	No internal fuses