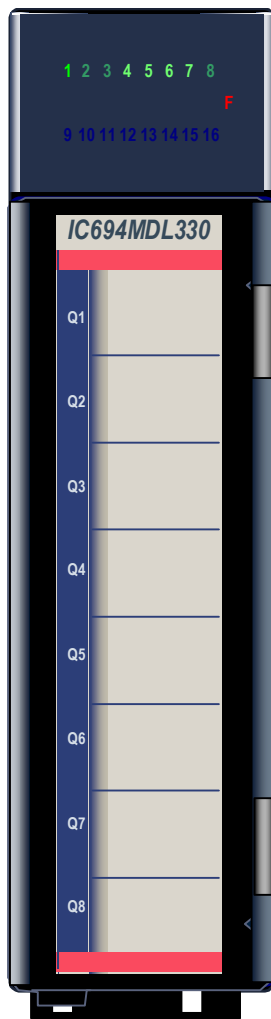


## Output Module, 120/240 Volt AC, 2 Amp, 8 Point: IC694MDL330



The **120/240volt, 2 Amp AC Output** module, IC694MDL330, provides eight output points in two isolated groups of four points. Each group has a separate common. The two commons are not tied together inside the module. The groups can be used on different phases of the AC supply or powered from the same supply. AC power to operate loads connected to outputs must be user supplied. This module requires an AC power source; *it cannot be used with a DC power source.*

Each group is protected with a 5 Amp fuse for each common. An RC snubber for each output protects against transient electrical noise on the power line. This module provides a high degree of inrush current (10 times the rated current) so the outputs can control a wide range of inductive and incandescent loads.

Individual numbered LEDs show the ON/OFF status of each output point. The red LED (F) turns ON if an output fuse blows. The red bands on the label show that MDL330 is a high-voltage module.

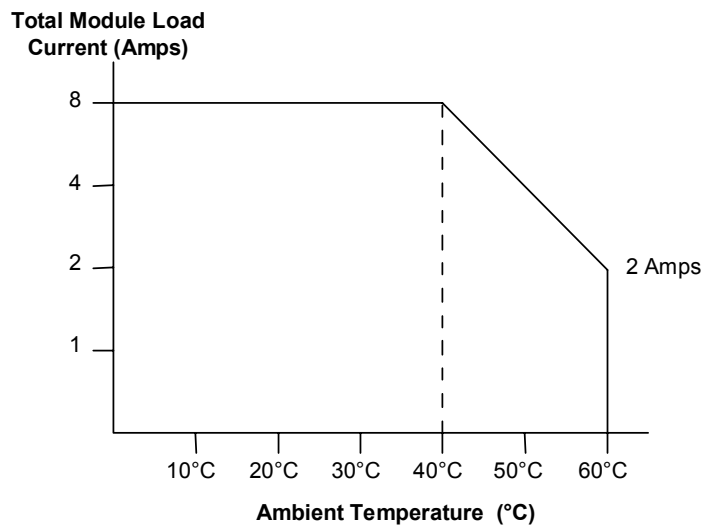
This module can be installed in any I/O slot in an RX3i system.

## Specifications: MDL330

<b>Rated Voltage</b>	120/240 volts AC
<b>Output Voltage Range</b>	85 to 264 volts AC, 50/60 Hz
<b>Outputs per Module</b>	8 (two groups of four outputs each)
<b>Isolation:</b>	
<b>Field to Backplane (optical)     and to Frame Ground</b>	250 VAC continuous; 1500 VAC for 1 minute
<b>Group to Group</b>	250 VAC continuous; 1500 VAC for 1 minute
<b>Output Current</b>	2 Amp maximum per point 4 Amps maximum per group at 40°C (104°F) Maximum load current depends on ambient temperature as shown below
<b>Output Characteristics</b>	
<b>Inrush Current</b>	20 Amps maximum for one cycle
<b>Minimum Load Current</b>	100mA
<b>Output Voltage Drop</b>	1.5 volts maximum
<b>Output Leakage Current</b>	3mA maximum at 120 volts AC 6mA maximum at 240 volts AC
<b>On Response Time</b>	1ms maximum
<b>Off Response Time</b>	1/2 cycle maximum
<b>Power Consumption</b>	160mA (all outputs on) from 5 volt bus on backplane
<b>Fuses (quantity 2)</b>	5 Amp, GE Fanuc part number 44A724627-114(1). See chapter 2 for more information.

Refer to Appendix A for product standards and general specifications.

### Load Current versus Temperature



### Field Wiring: MDL330

Terminal	Connection
1	No connection
2	Output 1
3	No connection
4	Output 2
5	No connection
6	Output 3
7	No connection
8	Output 4
9	No connection
10	Outputs 1 - 4 common (return)
11	No connection
12	Output 5
13	No connection
14	Output 6
15	No connection
16	Output 7
17	No connection
18	Output 8
19	No connection
20	Outputs 5 - 8 common (return)

