

# GE Fanuc IC694MDL310

<http://www.pdfsupply.com/automation/ge-fanuc/rx3i-pacsystem/IC694MDL310>

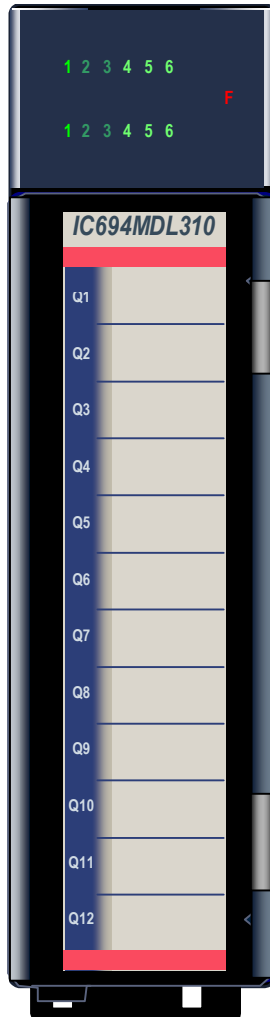
## Rx3i PacSystem

Output module, 120 VAC 0.5 amps 12 points. IC694M IC694MD IC-  
694MDL

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## Output Module, 120 Volt AC, 0.5 Amp, 12 Point: IC694MDL310



The **120 volt, 0.5 Amp AC Output** module, IC694MDL310, provides 12 output points in two isolated groups of six 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. Each group is protected with a 3 Amp fuse. An RC snubber for each output protects against transient electrical noise on the power line. This module provides a high degree of inrush current (10x the rated current) so the outputs can control a wide range of inductive and incandescent loads. 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.*

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 MDL310 is a high-voltage module.

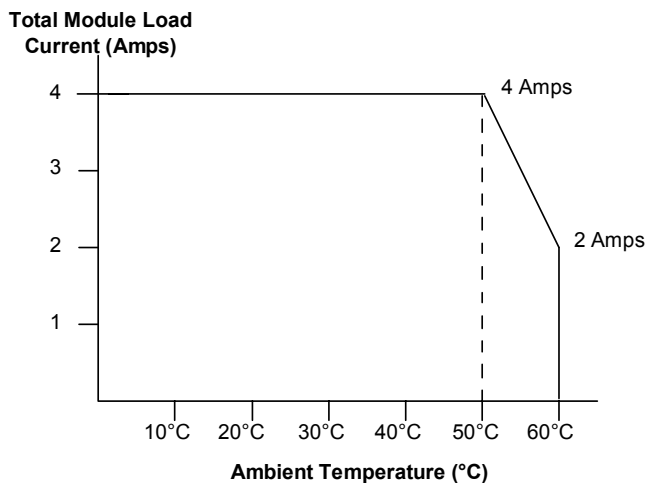
This module can be installed in any I/O slot in an RX3i system.

**Specifications: MDL310**

<b>Rated Voltage</b>	120 volts AC
<b>Output Voltage Range</b>	85 to 132 volts AC, 50/60 Hz
<b>Outputs per Module</b>	12 (two groups of six 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>	0.5 Amp maximum per point 1 Amp maximum per group at 60°C (140°F) 2 Amps maximum per group at 50°C (122°F) Maximum load current depends on ambient temperature as shown below
<b>Output Characteristics</b>	
<b>Inrush Current</b>	5 Amps maximum for one cycle
<b>Minimum Load Current</b>	50mA
<b>Maximum Load Current</b>	
<b>Output Voltage Drop</b>	1.5 volts maximum
<b>Output Leakage Current</b>	3mA maximum at 120 volts AC
<b>On Response Time</b>	1ms maximum
<b>Off Response Time</b>	1/2 cycle maximum
<b>Power Consumption</b>	210mA (all outputs on) from 5 volt bus on backplane
<b>Fuses (quantity 2)</b>	3 Amps, GE Fanuc part #44A724627-111(1). See chapter 2 for more information.

Refer to Appendix A for product standards and general specifications.

**Load Current versus Temperature**



### Field Wiring: MDL310

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

