

GE Fanuc IC694MDL390

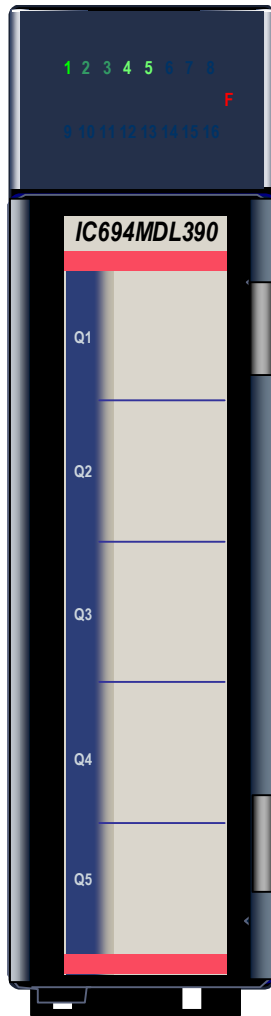
<http://www.pdfsupply.com/automation/ge-fanuc/rx3i-pacsystem/IC694MDL390>

Rx3i PacSystem

Output module 120/240VAC 2 amps 5 point isolated. IC694M IC-
694MD IC694MDL

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Output Module, 120/240 Volt AC Isolated, 2 Amp, 5 Pt: IC694MDL390



The **120/240 volt, 2 Amp Isolated AC Output** module, IC694MDL390, provides five isolated output points, each with a separate common. Each output circuit is isolated from the others relative to the AC power source. The commons are not tied together inside the module. The output circuits can be used on different phases of the AC supply or powered from the same supply. AC Power to operate the loads connected to the outputs must be supplied by the user. *This module requires an AC power source, it cannot be used with a DC power source.*

Outputs are individually fused with a 3 Amp fuse. An RC snubber protects each output against transient electrical noise on the power line. This module provides a high degree of inrush current (greater than 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 MDL390 is a high-voltage module.

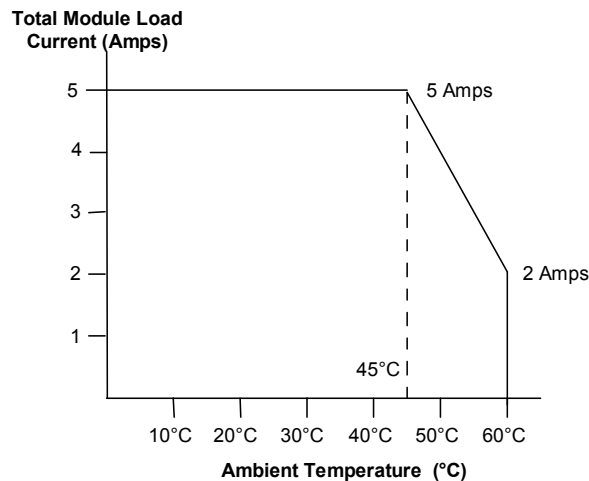
This module can be installed in any I/O slot in an RX3i system. It should be configured as an 8-point output module with programs referencing the five least significant bits.

Specifications: MDL390

Rated Voltage	120/240 volts AC
Output Voltage Range	85 to 264 volts AC, 50/60 Hz
Outputs per Module	5 (each output isolated from the others)
Isolation:	
Field to Backplane (optical) and to Frame Ground	250 VAC continuous; 1500 VAC for 1 minute
Point to Point	250 VAC continuous; 1500 VAC for 1 minute
Output Current	2 Amps maximum per point 5 Amps maximum per module at 45°C (113°F) 2 Amps maximum per module at 60°C (140°F) Maximum load current depends on ambient temperature as shown below
Output Characteristics	
Inrush Current	25 Amps maximum for one cycle
Minimum Load Current	100mA
Maximum Load Current	
Output Voltage Drop	1.5 volts maximum
Output Leakage Current	3mA maximum at 120 volts AC 6mA maximum at 240 volts AC
On Response Time	1ms maximum
Off Response Time	1/2 cycle maximum
Power Consumption	110mA (all outputs on) from 5 volt bus on backplane
Fuses (quantity 5)	3 Amps, GE Fanuc part number 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: MDL390

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

