# GE Fanuc IC694MDL231

http://www.pdfsupply.com/automation/ge-fanuc/rx3i-pacsystem/IC694MDL231

# Rx3i PacSystem

Input module, 240 VAC 8 point, isolated per point. IC694M IC694MD IC694MDL


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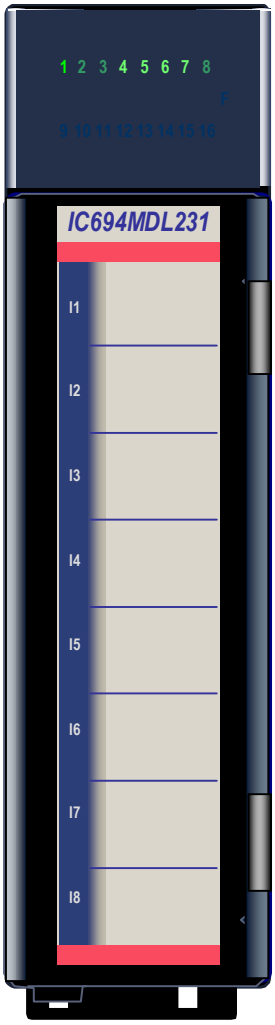
# *Input Module, 240 Volt AC, 8 Point Isolated: IC694MDL231*




The ***240 volt AC Isolated Input*** module, IC694MDL231, provides 8 isolated input points, each with a common power input terminal. The input circuits are reactive (resistor/capacitor) inputs. Current into an input point results in a logic 1 in the input status table (%I). Input characteristics are compatible with a wide range of input devices, such as pushbuttons, limit switches, and electronic proximity switches.

Because the inputs are isolated, each input can be powered by a separate AC power source. Power to operate the field devices must be supplied by the user. This module requires an AC power source; *it cannot be used with a DC power source*.

Eight green LEDs indicate the ON/OFF status of points 1 through 8. The red bands on the label show that MDL231 is a high-voltage module.

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

### *Specifications: MDL231*

| | |
|---|---|
| **Rated Voltage** | 240 volts AC, 50/60 Hz |
| **Input Voltage Range** | 0 to 264 volts AC, 50/60 Hz |
| **Inputs per Module** | 8 (each input point has a separate common) |
| **Isolation:** | |
| **Field to Backplane (optical) and to frame ground** | 250 VAC continuous; 1500 VAC for one minute |
| **Point to Point** | 250 VAC continuous; 1500 VAC for one minute |
| **Input Current** | 15 mA (typical) at rated voltage |
| **Input Characteristics:** | |
| **On–state Voltage** | 148 to 264 volts AC |
| **Off–state Voltage** | 0 to 40 volts AC |
| **On–state Current** | 6mA minimum |
| **Off–state Current** | 2.2mA maximum |
| **On response Time** | 30ms maximum |
| **Off response Time** | 45ms maximum |
| **Power Consumption** | 60mA (all inputs on) from 5 volt bus on backplane |

Refer to Appendix A for product standards and general specifications.

## Field Wiring: MDL231

| Terminals | Connections |
|---|---|
| 1 | No connection |
| 2 | Input 1 |
| 3 | Input 1 Return |
| 4 | Input 2 |
| 5 | Input 2 Return |
| 6 | Input 3 |
| 7 | Input 3 Return |
| 8 | Input 4 |
| 9 | Input 4 Return |
| 10 | No connection |
| 11 | No connection |
| 12 | Input 5 |
| 13 | Input 5 Return |
| 14 | Input 6 |
| 15 | Input 6 Return |
| 16 | Input 7 |
| 17 | Input 7 Return |
| 18 | Input 8 |
| 19 | Input 8 Return |
| 20 | No connection |