MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

GE

IC200MDL241

SIXTEEN-POINT 240 V AC DISCRETE INPUT MODULE

Used with the applicable GE VersaMax configuration.

REFERENCE PACKAGE

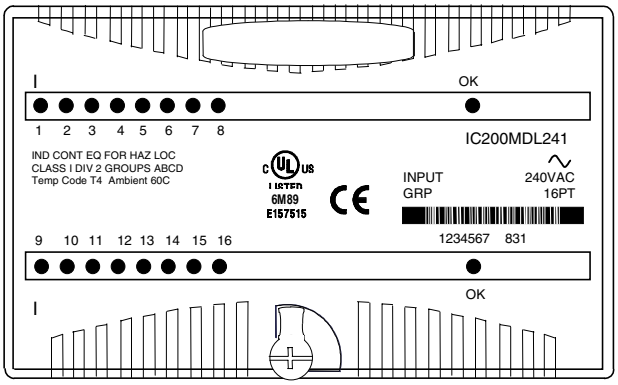
OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: GE Fanuc VersaMax Modules, Power Supplies, and Carriers User Manual, GFK-1504K

IC200MDL241
Input Module, 240VAC16 Points

Discrete Input Module IC200MDL241 provides two groups of 8 discrete inputs. Inputs are positive logic or sourcing-type inputs; they receive current from AC input devices and return the current on the common. Input devices are connected between the input terminals and common terminals.



Power for module operation comes from the backplane.

Intelligent processing for the module is performed by the CPU or NIU. The module provides 16 bits of discrete input data.

LED Indicators

Individual green LEDs indicate the on/off state of each input point.

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

IC200MDL241
Input Module, 240VAC16 Points

Module Specifications

Module Characteristics	
Points	16 inputs (2 groups of 8)
Module ID	88048804
Isolation: User input to logic (optical) and frame ground Group to group Point to point	 250VAC continuous; 1500VAC for 1 minute 250VAC continuous; 1500VAC for 1 minute None
LED indicators	One LED per point shows individual point ON/OFF status OK LED indicates backplane power is present
Backplane current consumption	5V output: 110mA maximum
External power supply	None
Thermal derating	No derating when operated within the specified input voltage range
Input Characteristics	
Input voltage	0 to 264VAC (47 to 63Hz), 240VAC nominal
On state voltage Off state voltage	155 to 264VAC 0 to 40VAC
On state current Off state current	7mA minimum 1.5mA maximum
On response time Off response time	1 cycle maximum 2 cycles maximum
Input impedance	38.5kOhms (reactive) at 60Hz, typical 46.3kOhms (reactive) at 50Hz, typical

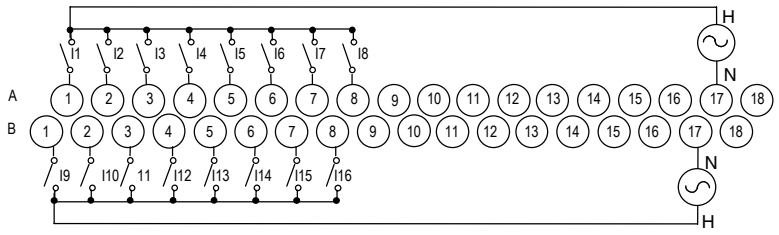
IC200MDL241
Input Module, 240VAC16 Points

Field Wiring

Terminal	Connection	Terminal	Connection
A1	Input 1	B1	Input 9
A2	Input 2	B2	Input 10
A3	Input 3	B3	Input 11
A4	Input 4	B4	Input 12
A5	Input 5	B5	Input 13
A6	Input 6	B6	Input 14
A7	Input 7	B7	Input 15
A8	Input 8	B8	Input 16
A9	No connection	B9	No connection
A10	No connection	B10	No connection
A11	No connection	B11	No connection
A12	No connection	B12	No connection
A13	No connection	B13	No connection
A14	No connection	B14	No connection
A15	No connection	B15	No connection
A16	No connection	B16	No connection
A17	Inputs 1-8 Common (Return)	B17	Inputs 9-16 Common (Return)
A18	No connection	B18	No connection

Wiring Connections for Carriers with Two Rows of Terminals

IC200CHS002, 005
IC200CHS012, 015



Wiring Connections for Carriers with Three Rows of Terminals

IC200CHS001, 022, 025
IC200CHS011

