IC697MDL240

Isolated AC Input Module

Sixteen-point isolated 120 VAC input module for independently referenced field input circuits.

CATALOG
IC697MDL240

SIGNAL
120 VAC input

CHANNELS
16 isolated points

INPUT FILTER
20 ms

FUNCTIONAL POSITION

01
120 VAC field device

02
Isolated input point

03
Logic-side status

04
PLC input reference

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Verified capability map

RATED INPUT

120 VAC, 60 Hz execution documented for the exact catalog number.

POINT ISOLATION

All sixteen input points are isolated so separate AC phases may be used as designed.

INPUT BEHAVIOR

Reactive resistor/capacitor input with IEC type-2 current-voltage characteristics.

FILTER

A 20 ms input filter is documented for the module.

DEVICE COMPATIBILITY

Input characteristics support a broad range of compatible AC proximity switches.

STATUS DISPLAY

Front LEDs show the logic-side ON/OFF status of each input point.

CONFIGURATION

I/O references are assigned in software; the module uses no address jumpers or DIP switches.

REPLACEMENT CONTROL

Match the removable terminal board, point wiring and configured references before energization.

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Documented use and integration

01
120 VAC field device

02
Isolated input point

03
Logic-side status

04
PLC input reference

ISOLATED AC SENSING

Monitors separately referenced 120 VAC field circuits without combining their commons.

PROXIMITY INPUTS

Receives compatible two-wire or three-wire AC proximity-switch signals.

MACHINE INTERLOCKS

Brings discrete AC limit, permissive or status signals into a Series 90-70 rack.

LEGACY I/O SERVICE

Maintains an established 16-point isolated input allocation during controlled replacement.

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Replacement and acceptance matrix

GATE 1

Verify IC697MDL240 and the installed hardware revision.

GATE 2

Record configured input references and every terminal assignment.

GATE 3

Identify all AC phases and separately referenced circuits.

GATE 4

Isolate the rack and prove each field conductor de-energized.

GATE 5

Inspect the terminal board, keying and connector condition.

GATE 6

Restore each input to its documented point without commoning phases.

GATE 7

Apply power under the approved procedure and compare LEDs to field state.

GATE 8

Prove all sixteen inputs in the controller before release.

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Sources, related pages and inquiry details

MANUFACTURER-AUTHORED SOURCE

GE Fanuc GFK-0375 / GFK-0600 Product Data

RELATED APTER POWER PRODUCTS

IC697BEM711

IC697BEM713

IC697BEM731

INQUIRY PACKAGE

Send the complete IC697MDL240 nameplate, quantity, condition preference, destination and required certificates for a model-controlled quotation.

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