

IC670MDL930

Isolated NO/NC Relay Output Module

GE IC670MDL930 is a Isolated NO/NC Relay Output Module for the Field Control distributed I/O. It provides the documented field interface or control function in the configured system.

BRAND	General Electric	FAMILY	Field Control distributed I/O
PART	IC670MDL930	SYSTEM ROLE	Provides the documented isolated no/nc relay output module function

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IC670MDL930

MANUFACTURER SOURCE RECORD

Field Control Distributed I/O and Control System I/O Modules User's Manual
GFK-0826J, June 2002

Product Overview

SYSTEM FUNCTION

GE IC670MDL930 is a Isolated NO/NC Relay Output Module for the Field Control distributed I/O. It provides the documented field interface or control function in the configured system.

FUNCTION 1

Provides the documented isolated no/nc relay output module function

FUNCTION 2

Uses exact catalog identity IC670MDL930 for replacement control

FUNCTION 3

Integrates with the matched Field Control distributed I/O hardware

FUNCTION 4

Supports controlled connection checks and functional verification

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	Field Control distributed I/O
Primary interface	Provides the documented isolated no/nc relay output module function
Engineering context	The component is used with the exact terminal assembly, carrier, power grouping and bus configuration identified for IC670MDL930. Commissioning preserves the installed point map and verifies controlled field response.
Commissioning duty	Complete a controlled signal or load test before returning the station to service.

TECHNICAL NOTE

Install IC670MDL930 only in the documented Field Control distributed I/O position. Preserve the as-found terminal mapping and configuration, then verify diagnostics and the affected field function under controlled conditions.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Output points	8 isolated	125 VDC current	0.2 A at 31 to 125 V DC
Relay configuration	Six Form A and two Form C	Inrush current	5 A for 20 ms
Rated voltage	5/24/125 V DC; 120/240 V AC	Response time	10 ms maximum on/off
Voltage range	0 to 130 V DC; 0 to 265 V AC	BIU current draw	313 mA maximum
Resistive current	2 A at 5 to 265 V AC or 5 to 30 V DC		

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
IS200TREA1A	product page	View IS200TREA1A page
IS200WREA1A	product page	View IS200WREA1A page
IC200PWR002G	product page	View IC200PWR002G page
31F323G1	product page	View 31F323G1 page
DS215TCCAG1BZZ01A-DS200TCCAG1BAA	product page	View DS215TCCAG1BZZ01A-DS200TCCAG1BAA page
DS200TCCAG1AJB	product page	View DS200TCCAG1AJB page
IS420UCSCH1A-G-V0-1-A	product page	View IS420UCSCH1A-G-V0-1-A page
XMTC-62-11-0	product page	View XMTC-62-11-0 page

ENGINEERING BOUNDARY

Confirm IC670MDL930, Field Control distributed I/O host, hardware revision, terminal or connector type, power and signal ranges, wiring, grounding, bus configuration, companion accessories and controlled commissioning results before service release.

Applications and Precautions

Common Applications

Field Control distributed I/O station maintenance

Restores the documented isolated no/nc relay output module function in an engineered station.

Distributed I/O refurbishment

Uses exact IC670MDL930 identity when rebuilding the recorded field interface.

Control-panel modernization

Preserves the approved terminal, power and communications arrangement during migration work.

Controlled recommissioning

Verifies point mapping, diagnostics and field response before process release.

Product Precautions

- 1

Confirm the full IC670MDL930 catalog marking and installed Field Control distributed I/O position before work.
- 2

Isolate the station supply and connected field energy using the approved procedure.
- 3

Record every terminal, common, shield, connector and configured point before removal.
- 4

Use ESD controls and protect backplane, terminal and connector contacts from contamination.
- 5

Verify each documented value for IC670MDL930 against the installed host and field circuit.
- 6

Restore the approved terminal assembly, power grouping and configuration record.
- 7

Energize in the prescribed sequence and review module, bus and point diagnostics.
- 8

Complete a controlled signal or load test before returning the station to service.

IMPORTANT NOTICE

Confirm IC670MDL930, Field Control distributed I/O host, hardware revision, terminal or connector type, power and signal ranges, wiring, grounding, bus configuration, companion accessories and controlled commissioning results before service release.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	IC670MDL930
Configuration	Energize in the prescribed sequence and review module, bus and point diagnostics.
Functional release	Complete a controlled signal or load test before returning the station to service.

Engineer FAQ

Q1 How is IC670MDL930 identified?

Match the complete catalog number and the Isolated NO/NC Relay Output Module designation.

Q3 What records are retained before removing IC670MDL930?

Record terminals, commons, shields, connectors, point mapping and diagnostics.

Q5 Which official values govern IC670MDL930?

Output points: 8 isolated; Relay configuration: Six Form A and two Form C; Rated voltage: 5/24/125 V DC; 120/240 V AC; Voltage range: 0 to 130 V DC; 0 to 265 V AC.

Q7 Which diagnostics follow IC670MDL930 energization?

Review module, bus and channel status in the prescribed startup sequence.

Q2 Which system accepts IC670MDL930?

Use the documented Field Control distributed I/O carrier, terminal and bus arrangement.

Q4 How is IC670MDL930 isolated safely?

Isolate station and field supplies, prove the safe state and apply ESD controls.

Q6 How is IC670MDL930 configuration restored?

Restore the approved hardware execution, power grouping and point map.

Q8 What releases IC670MDL930 to service?

A controlled signal or load test with the expected field response and no active diagnostic.

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