

IC670MDL930

Isolated NO/NC Relay Output Module

GE IC670MDL930 is the documented Isolated NO/NC Relay Output Module for the Field Control distributed I/O.

IDENTITY	VERIFIED VALUE
Manufacturer	General Electric
System family	Field Control distributed I/O
Part number	IC670MDL930
Product role	Provides the documented isolated no/nc relay output module function
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING 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.

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IC670MDL930

Technical Specifications

Technical values below are limited to the named General Electric product record and directly applicable manufacturer documentation.

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		

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	Field Control distributed I/O
Primary system role	Provides the documented isolated no/nc relay output module function
Connection boundary	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.
Controlled acceptance duty	Field Control distributed I/O station maintenance

ENGINEERING BOUNDARY

Confirm IC670MDL930, host, terminals, power grouping, point map and controlled test results before release.

Pre-Installation Checks

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.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	IC670MDL930
Installed host	Field Control distributed I/O
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

GE IC670MDL930 is the documented Isolated NO/NC Relay Output Module for the Field Control distributed I/O.

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

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	Field Control distributed I/O
2	Six Form A and two Form C
3	Field Control distributed I/O station maintenance
4	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.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Field Control distributed I/O
Interface role	Provides the documented isolated no/nc relay output module function
Field / power 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 evidence	Complete a controlled signal or load test before returning the station to service.

Installation and Connection Checks

1

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

2

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

3

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

4

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

MANUFACTURER SOURCE RECORD

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

Applications and Engineering Context

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.

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.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	IC670MDL930 recorded
Host / carrier	Field Control distributed I/O
Physical interface	Provides the documented isolated no/nc relay output module function
Configuration	Energize in the prescribed sequence and review module, bus and point diagnostics.
Functional proof	Complete a controlled signal or load test before returning the station to service.

IMPORTANT NOTICE

Confirm IC670MDL930, host, terminals, power grouping, point map and controlled test results before release.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	IC670MDL930
Approved role	Field Control distributed I/O station maintenance
Final validation	Complete a controlled signal or load test before returning the station to service.

Engineering 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.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
IC200PWR002G	product page	View IC200PWR002G page
31F323G1	product page	View 31F323G1 page
DS215TCCAG1BZZ01A-DS200TCAG1BAA	product page	View DS215TCCAG1BZZ01A-DS200TCAG1BAA 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
IS200TREA1A	product page	View IS200TREA1A page
IS200WREA1A	product page	View IS200WREA1A page

MANUFACTURER SOURCE RECORD

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