

IC670MDL740

12/24 VDC Positive Logic Output Module

GE IC670MDL740 is a 12/24 VDC Positive Logic 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	IC670MDL740	SYSTEM ROLE	Provides the documented 12/24 vdc positive logic output module function

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IC670MDL740

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 IC670MDL740 is a 12/24 VDC Positive Logic 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 12/24 vdc positive logic output module function

FUNCTION 2

Uses exact catalog identity IC670MDL740 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 12/24 vdc positive logic output module function
Engineering context	The component is used with the exact terminal assembly, carrier, power grouping and bus configuration identified for IC670MDL740. 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 IC670MDL740 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	16	Module current	4 A maximum
Output grouping	One group	Minimum load	1 mA per point
User input	10 to 30 V DC; 24 V DC nominal	Response time	200 us maximum on/off
Output voltage	9.2 to 29.5 V DC	BIU current draw	111 mA maximum
Continuous current	0.5 A per point		

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
A06B-6096-H106	product page	View A06B-6096-H106 page
A06B-6096-H104	product page	View A06B-6096-H104 page
MIVII3000E00HI00	product page	View MIVII3000E00HI00 page
IS215VPROH1BD	product page	View IS215VPROH1BD page
IS200VCMIH2CAA-IS215VCMIH2CA	product page	View IS200VCMIH2CAA-IS215VCMIH2CA page
IC200UDR005-DJ	product page	View IC200UDR005-DJ page
A06B-6117-H209	product page	View A06B-6117-H209 page
PCIE-5565PIORC-100A00	product page	View PCIE-5565PIORC-100A00 page

ENGINEERING BOUNDARY

Confirm IC670MDL740, 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 12/24 vdc positive logic output module function in an engineered station.

Distributed I/O refurbishment

Uses exact IC670MDL740 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 IC670MDL740 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 IC670MDL740 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 IC670MDL740, 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	IC670MDL740
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 IC670MDL740 identified?

Match the complete catalog number and the 12/24 VDC Positive Logic Output Module designation.

Q3 What records are retained before removing IC670MDL740?

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

Q5 Which official values govern IC670MDL740?

Output points: 16; Output grouping: One group; User input: 10 to 30 V DC; 24 V DC nominal; Output voltage: 9.2 to 29.5 V DC.

Q7 Which diagnostics follow IC670MDL740 energization?

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

Q2 Which system accepts IC670MDL740?

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

Q4 How is IC670MDL740 isolated safely?

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

Q6 How is IC670MDL740 configuration restored?

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

Q8 What releases IC670MDL740 to service?

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

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