

IC670MDL730

24 VDC Positive Logic ESCP Output Module

GE IC670MDL730 is a 24 VDC Positive Logic ESCP 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	IC670MDL730	SYSTEM ROLE	Provides the documented 24 vdc positive logic escp output module function

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IC670MDL730

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 IC670MDL730 is a 24 VDC Positive Logic ESCP 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 24 vdc positive logic escp output module function

FUNCTION 2

Uses exact catalog identity IC670MDL730 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 24 vdc positive logic escp output module function
Engineering context	The component is used with the exact terminal assembly, carrier, power grouping and bus configuration identified for IC670MDL730. 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 IC670MDL730 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	Continuous current	2 A per point
Output logic	Positive logic	Module current	8 A maximum
User input	18 to 30 V DC; 24 V DC nominal	Protection	Electronic short-circuit protection
Output voltage	17.5 to 29.5 V DC	Inrush current	10 A for 10 ms per point

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
151X1202YE03SA04-IS200STAIH2ADC	product page	View 151X1202YE03SA04-IS200STAIH2ADC page
IS200TRL YH1BED	product page	View IS200TRL YH1BED page
IC693CHS397	product page	View IC693CHS397 page
IC200MDL241	product page	View IC200MDL241 page
IC697CMM742	product page	View IC697CMM742 page
IC697CHS790	product page	View IC697CHS790 page
IC698PSA350	product page	View IC698PSA350 page
IC695CPE305	product page	View IC695CPE305 page

ENGINEERING BOUNDARY

Confirm IC670MDL730, 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 24 vdc positive logic escp output module function in an engineered station.

Distributed I/O refurbishment

Uses exact IC670MDL730 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 IC670MDL730 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 IC670MDL730 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 IC670MDL730, 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	IC670MDL730
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 IC670MDL730 identified?

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

Q3 What records are retained before removing IC670MDL730?

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

Q5 Which official values govern IC670MDL730?

Output points: 8; Output logic: Positive logic; User input: 18 to 30 V DC; 24 V DC nominal; Output voltage: 17.5 to 29.5 V DC.

Q7 Which diagnostics follow IC670MDL730 energization?

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

Q2 Which system accepts IC670MDL730?

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

Q4 How is IC670MDL730 isolated safely?

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

Q6 How is IC670MDL730 configuration restored?

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

Q8 What releases IC670MDL730 to service?

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

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