IC697MDL740

DC Output Module / Series 90-70

Sixteen-point 24/48 VDC output module with four fused groups of four outputs for higher-current field loads.

CATALOG
IC697MDL740

SIGNAL
24/48 VDC output

CHANNELS
16 points

POINT RATING
2 A maximum

CONTROL PATH

01 PLC command – **02** Output driver – **03** Group fuse – **04** 24/48 VDC field load

EVIDENCE BOUNDARY
Use this exact catalog number and the cited manual. Do not import ratings, wiring or revision claims from a neighboring model.

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Technical data by engineering domain

OUTPUT GROUPING

Sixteen outputs arranged as four groups of four points.

VOLTAGE RANGE

20 to 60 VDC operating range; rated for 24 or 48 VDC.

LOAD CURRENT

2 A maximum per point and 4 A maximum per four-point group.

INRUSH

20 A maximum for 20 ms at an output point.

VOLTAGE DROP / LEAKAGE

0.8 V maximum output drop and 1 mA maximum output leakage.

RESPONSE

2 ms maximum ON response and 2 ms maximum OFF response.

FUSING

Each four-output group is protected by a 10 A fast-acting fuse.

BACKPLANE LOAD

0.15 A required from the 5 VDC backplane bus.

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Where the exact model fits

01 PLC command

02 Output driver

03 Group fuse

04 24/48 VDC field load

SOLENOID CONTROL

Drives documented DC solenoid circuits within the point and group current limits.

MOTOR STARTER COMMANDS

Provides controlled DC outputs to compatible starter or relay coils.

INDICATOR CIRCUITS

Switches documented 24 or 48 VDC annunciation and status loads.

HIGH-INRUSH DC LOADS

Supports short inrush events when repetition and group dissipation remain acceptable.

SYSTEM BOUNDARY

The host rack, wiring, program and connected devices remain installation-specific acceptance items.

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Eight release checks

STEP 1

Verify IC697MDL740 and the documented hardware revision.

STEP 2

Archive output references and configured fault-state behavior.

STEP 3

Record every load, group common, polarity and fuse assignment.

STEP 4

Place controlled equipment in the approved safe state.

STEP 5

Isolate the rack and all field DC sources before removal.

STEP 6

Inspect or replace group fuses only with documented fast-acting types.

STEP 7

Energize under control and confirm diagnostics before commands.

STEP 8

Test all outputs under load and record the acceptance result.

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Traceable evidence and related inventory

MANUFACTURER-AUTHORED SOURCE

GE Fanuc GFK-0086 / GFK-0600 Product Data

RELATED APTER POWER PRODUCT PAGES

IC693PBS105

IC694MDL740

IC698CPE010

QUOTE PREPARATION

Provide the complete IC697MDL740 marking, quantity, condition requirement, destination and any revision or certificate requirement.

RELEASE RECORD

Retain photographs, as-found wiring, saved configuration, diagnostics and controlled functional-test results with the maintenance record.

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