GE IC697MDL340

AC Output Module

GE IC697MDL340 provides sixteen 120 VAC output points in four isolated and individually fused groups for Series 90-70 field loads.

01	02	03	04
16 output points arranged as four groups of four	120 VAC, 2 A point rating	10 A slow-acting fuse for each group	High-inrush capability for inductive and incandescent loads

System position

Series 90-70 backplane command	IC697MDL340 logic and isolation	Four fused AC output groups	Contactors, solenoids or indicator loads

Evidence boundary

Only verified exact-model facts and explicitly identified family context are included. Similar codes are not treated as substitutes.

Model-specific release focus

- 16 output points arranged as four groups of four
- 120 VAC, 2 A point rating
- 10 A slow-acting fuse for each group
- High-inrush capability for inductive and incandescent loads

02 / CAPABILITY MAP

Engineering domains and architecture

Product family	Series 90-70
Output type	120 VAC discrete output
Output count	16 points
Grouping	4 isolated groups of 4

Point capacity	2 A steady-state
Group capacity	4 A maximum
Group fuse	10 A slow-acting
Status indication	Point LEDs and FUSE LED

Interface architecture

Backplane

Receives PLC output states and module configuration

Terminal board

Forty-position removable field connector

Group commons

Separate hot and neutral connections for each four-point group

Fuse monitor

Open-fuse detector drives the front FUSE LED

Interface evidence for acceptance

- Backplane: Receives PLC output states and module configuration
- Terminal board: Forty-position removable field connector
- Group commons: Separate hot and neutral connections for each four-point group
- Fuse monitor: Open-fuse detector drives the front FUSE LED

Use cases with controlled scope

Contactor control

Handles the inrush profile of many industrial contactor coils.

Solenoid actuation

Switches grouped 120 VAC solenoid circuits within point and group limits.

Indicator lighting

Drives incandescent or other AC indication loads with duty-cycle review.

Multi-phase grouped outputs

Lets isolated groups use different phases when wiring follows the module diagram.

INTEGRATION CHECKPOINTS

Identity

GE IC697MDL340 is preserved in full.

Host system

Rack, slot and surrounding hardware are verified.

Configuration

Project, firmware and settings are recorded.

Acceptance

Functional evidence is captured before release.

System relationship

Series 90-70 backplane command	IC697MDL340 logic and isolation	Four fused AC output groups	Contactors, solenoids or indicator loads

Configuration-control record

- Point capacity: 2 A steady-state
- Group capacity: 4 A maximum
- Group fuse: 10 A slow-acting
- Status indication: Point LEDs and FUSE LED

Decision matrix

Question	Answer
How are the outputs grouped on GE IC697MDL340?	The sixteen points are divided into four isolated groups of four outputs.
What is the steady-state point rating of GE IC697MDL340?	Each output point is rated for 2 A at 120 VAC, subject to the group and thermal limits.
What is the combined current limit for one GE IC697MDL340 group?	The four outputs in a group are limited to 4 A total.
Which fuse protects each GE IC697MDL340 group?	Each group uses a 10 A slow-acting fuse; the manual identifies Bussmann MDA-10 or Littelfuse 326010.

Eight release precautions

1 De-energize the rack and every field supply before removing the module or terminal board.	**2** Keep each four-point group at or below the documented 4 A combined load.	**3** Use only the specified 10 A slow-acting replacement fuse for a group circuit.	**4** Account for load inrush and repetition rate rather than sizing only from steady-state current.
5 Maintain separation between group hot and neutral conductors when different phases are used.	**6** Verify the mechanical key before inserting a replacement IC697MDL340.	**7** Support the terminal-board wire bundle so it does not pull on the hinged door or connector.	**8** After commissioning, prove every point LED, the FUSE indication and the commanded safe state for a controller fault.

Product verification and support

Apter Power verification record

Model identity	Keep the complete GE model code and every suffix in purchasing, installation and acceptance records.
Verification boundary	Confirm the physical nameplate, installed position and revision-controlled project documents before field work.
Apter Power support	Use the contact details and Apter Power website links in this document for product and sourcing support.

Related Apter Power references	Scope note
GE IC697MDL740	Portfolio reference only; verify compatibility independently.
GE IC697MDL350	Portfolio reference only; verify compatibility independently.
GE IC697MDL240	Portfolio reference only; verify compatibility independently.

	Apter Power technical and sourcing support sales13@apterpower.com +86 180 3023 5313 www.apterpower.com Scan for the Apter Power contact page.	Model record GE IC697MDL340 AC Output Module Verify the complete nameplate before installation.