

IC697PWR710

Series 90-70 Power Supply Module

GE IC697PWR710 is a Series 90-70 rack power-supply module for 120/240 VAC or 125 VDC input. It provides a 55 W, 5 VDC output rated up to 11 A and can power a second rack when the total load remains within rating.

BRAND	GE	MODEL	IC697PWR710
PRODUCT	Series 90-70 Power Supply Module	FAMILY	Series 90-70
OFFICIAL SOURCE	GE Fanuc IC697PWR710/712 Data Sheet	RECORD	GFK-1388A, 55 W power-supply specifications

DOCUMENT SCOPE

Official technical evidence, controlled engineering checks, model-specific FAQ and related product navigation.

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Product Overview and Applications

SYSTEM FUNCTION

GE IC697PWR710 is a Series 90-70 rack power-supply module for 120/240 VAC or 125 VDC input. It provides a 55 W, 5 VDC output rated up to 11 A and can power a second rack when the total load remains within rating.

FUNCTION 1

Supplies regulated 5 VDC power to a Series 90-70 rack

FUNCTION 2

Accepts 120/240 VAC or 125 VDC input

FUNCTION 3

Provides up to 11 A at 5 VDC within a 55 W rating

FUNCTION 4

Supports a documented two-rack power arrangement

APPLICATION	ENGINEERING CONTEXT
Series 90-70 rack power	Energizes the controller and I/O backplane in the leftmost rack slot.
Two-rack supply	Powers a second rack through the approved cable when the calculated load is within rating.
Legacy system repair	Replaces an identical power supply after input and load checks.
Controlled cabinet service	Restores backplane sequencing and module power after a verified installation.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
Controller family	Series 90-70
Module type	Rack power supply
Input supply	120/240 VAC or 125 VDC
Output	5 VDC, 55 W
Maximum 5 VDC current	11 A
Rack position	Leftmost power-supply slot
Second-rack support	Supported when total load remains within the supply rating
Protection	Electronic short-circuit overcurrent protection
Expansion cable	IC697CBL700 for the documented two-rack arrangement

Acceptance Path

1 IDENTITY

The complete IC697PWR710 marking and revision agree with the engineering record.

2 COMPATIBILITY

System position, companion hardware and interfaces match the manufacturer documentation.

3 CONFIGURATION

Saved values, channel mappings and protection limits are restored without unexplained change.

4 FUNCTIONAL PROOF

Diagnostics and the model-specific controlled test pass without unexplained fault.

Precautions and Model-Specific FAQ

NO.	PRECAUTION	QUESTION	ANSWER
1	Verify the complete IC697PWR710 marking and revision.	What is GE IC697PWR710?	It is a Series 90-70 rack power supply accepting 120/240 VAC or 125 VDC.
2	Isolate all AC and DC input sources before removal.		
3	Confirm whether the installation uses 120/240 VAC or 125 VDC input.	What output does GE IC697PWR710 provide?	The manufacturer data sheet specifies 5 VDC, 55 W, up to 11 A.
4	Calculate the total 5 VDC load and keep it within 55 W and 11 A.	Where is GE IC697PWR710 installed?	It slides into the leftmost power-supply position of the Series 90-70 rack.
5	Install the module only in the documented leftmost power-supply slot.		
6	Use the approved IC697CBL700 arrangement when powering a second rack.	Can GE IC697PWR710 power a second rack?	Yes, when the approved expansion cable is used and the total load remains within the supply rating.
7	Inspect protective earth, line terminals and backplane connector before energization.		
8	Verify rack voltages, module status and controlled I/O operation before release.		

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric IC693ALG391	View General Electric IC693ALG391
General Electric IC693ALG391G	View General Electric IC693ALG391G
General Electric IC693CMM321-KM	View General Electric IC693CMM321-KM
General Electric IC693MDL742	View General Electric IC693MDL742
General Electric IC694ALG221A	View General Electric IC694ALG221A
General Electric IC694MDL645A	View General Electric IC694MDL645A

FAQ, Related Products and Sources

QUESTION	ANSWER
Which protection is built into GE IC697PWR710?	The data sheet lists electronic short-circuit overcurrent protection.
What must be checked before replacing GE IC697PWR710?	Check input voltage, total backplane load, second-rack cable, protective earth and module revision.
What confirms successful commissioning of GE IC697PWR710?	Stable rack voltage, normal controller/I/O status and a controlled load test confirm release.

MANUFACTURER SOURCE RECORDS

GE Fanuc IC697PWR710/712 Data Sheet - GFK-1388A, 55 W power-supply specifications
GE Fanuc IC697PWR710/712 Data Sheet - GFK-1388A, 55 W power-supply specifications

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric IC694MDL645D	View General Electric IC694MDL645D
General Electric IC694PWR321	View General Electric IC694PWR321
General Electric IC695NIU001-ADAD	View General Electric IC695NIU001-ADAD
General Electric HE693ADC415	View General Electric HE693ADC415
General Electric HE693SNP900	View General Electric HE693SNP900
General Electric HE693THM884G	View General Electric HE693THM884G
General Electric IC693ACC302B	View General Electric IC693ACC302B
General Electric IC693ALG223	View General Electric IC693ALG223

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