Installation Identity and Scope

GE IC697BEM733 is a remote I/O scanner for Series 90-70 racks on a Genius bus. It manages the documented I/O in a remote drop and exchanges that data with the controlling bus controller.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC697BEM733
Manufacturer	GE
Hardware type	Series 90-70 Remote I/O Scanner
System family	Series 90-70
Official source	GFK-0539D, IC697BEM733 features and operation

CONTROLLED ENGINEERING COPY

Use only the complete GE IC697BEM733 identity and the current manufacturer publication. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

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IC697BEM733

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete GE IC697BEM733 marking and installed revision.
2	Confirm the documented Series 90-70 rack position and compatible companion hardware.
3	Back up the approved controller, network or channel configuration before removal.
4	De-energize the system and follow the current manufacturer service procedure before handling hardware.
5	Label every field, communication, common, shield and protective-ground connection.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	IC697BEM733
Physical interface	Exact GE IC697BEM733 nameplate and installed revision
Companion check	Documented Series 90-70 Remote I/O Scanner system position and companion hardware
Configuration	Labeled field, power, communication and grounding connections
Functional proof	Saved configuration plus a controlled functional-test record

Related Products on Apter Power

MODEL	APTER POWER PAGE
Woodward 9905-021	View Woodward 9905-021
Woodward 9905-096	View Woodward 9905-096
Woodward 9905-969	View Woodward 9905-969
Siemens 16267-1-2	View Siemens 16267-1-2
Siemens 39ACM24BAN-16139-76-09	View Siemens 39ACM24BAN-16139-76-09

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record GE IC697BEM733 and the installed revision exactly.
Product family	Verify the documented value: Series 90-70.
Module role	Verify the documented value: Genius remote I/O scanner.
Connections	Label every installed interface, common, shield and protective-ground connection.
Configuration	Back up and restore the model-specific settings, mappings and approved limits.
Functional proof	Test the complete Series 90-70 Remote I/O Scanner function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Use only the complete GE IC697BEM733 identity and the current manufacturer publication. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

Expected Technical Values

PARAMETER	VALUE
Product family	Series 90-70
Module role	Genius remote I/O scanner
Remote-drop input capacity	Up to 128 bytes
Remote-drop output capacity	Up to 128 bytes

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 39ACM24BEN-16139-215-1	View Siemens 39ACM24BEN-16139-215-1
Siemens 39EAMCBN-16154-93-3	View Siemens 39EAMCBN-16154-93-3

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete IC697BEM733 marking and revision agree with the engineering record.
Compatibility	System position, companion hardware and interfaces match the manufacturer documentation.
Configuration	Saved values, channel mappings and protection limits are restored without unexplained change.
Functional proof	Diagnostics and the model-specific controlled test pass without unexplained fault.

Model-Specific Questions

QUESTION	ENGINEERING ANSWER
How much I/O can GE IC697BEM733 exchange?	A remote drop can exchange up to 128 input bytes and 128 output bytes.
How many racks can GE IC697BEM733 manage?	The documented remote drop can contain up to eight racks, with the scanner in rack 0.
What is the documented GE IC697BEM733 network reach?	The manual permits up to 7500 ft (2275 m), subject to cable and baud-rate rules.
Which GE IC697BEM733 revision supports redundancy?	The manual identifies BEM733/735B or later for documented CPU and bus redundancy.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 39EAMCBN-A5E00282025-05	View Siemens 39EAMCBN-A5E00282025-05
Siemens 39MBXNAN-16180-1-14	View Siemens 39MBXNAN-16180-1-14
Siemens 39MBXNAN-16180-1-17	View Siemens 39MBXNAN-16180-1-17
Siemens 39RTMCAN-16207-61-10	View Siemens 39RTMCAN-16207-61-10
Siemens 39RTMCAN-16207-61-11	View Siemens 39RTMCAN-16207-61-11

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
Which GE IC697BEM733 indicators should be checked?	Check Module OK, I/O Enabled and Bus B Active.
What must be recorded before replacing GE IC697BEM733?	Record the complete GE IC697BEM733 marking, installed revision, system position, connections and approved configuration before removal.
What confirms successful commissioning of GE IC697BEM733?	The exact GE IC697BEM733 identity, restored configuration, normal diagnostics and a controlled model-specific functional test must all agree with the approved record.

MANUFACTURER SOURCE RECORDS

GE Intelligent Platforms Remote I/O Scanner User Manual - GFK-0539D, IC697BEM733 features and operation
GE Intelligent Platforms Remote I/O Scanner User Manual - GFK-0539D, IC697BEM733 features and operation

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	IC697BEM733 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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