APTER POWER

INDUSTRIAL AUTOMATION PRODUCT

IC697BEM733

Series 90-70 Remote I/O Scanner

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.

IDENTITY	VERIFIED VALUE
Manufacturer	GE
Complete model	IC697BEM733
Product role	Series 90-70 Remote I/O Scanner
System family	Series 90-70
Source record	GFK-0539D, IC697BEM733 features and operation

DOCUMENT SCOPE

Model identity, official technical data, model-specific applications, precautions, FAQ and controlled acceptance records.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

Technical Specifications

PARAMETER	VERIFIED 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
Racks per remote drop	Up to eight; scanner installed in rack 0
Network reach	Up to 7500 ft (2275 m), subject to documented cable and baud rules
Drop population	Up to 30 remote drops depending on baud rate and bus loading
Supported I/O	Documented discrete, analog, PCM, ADS and analog expander modules
Redundancy support	BEM733/735B or later supports documented CPU and bus redundancy
Indicators	Module OK, I/O Enabled and Bus B Active
Service ports	15-pin RS-422/485 and 9-pin hand-held monitor ports

ENGINEERING 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.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Woodward 5464-654	View Woodward 5464-654
Woodward 5466-031	View Woodward 5466-031
Woodward 5466-348	View Woodward 5466-348
Woodward 5466-353	View Woodward 5466-353
Woodward 5466-354	View Woodward 5466-354
Woodward 5501-467	View Woodward 5501-467

System Role and Common Applications

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.

FUNCTION 1

Controls Series 90-70 I/O in a Genius remote drop

FUNCTION 2

Supports up to eight racks in one documented remote drop

FUNCTION 3

Exchanges up to 128 input bytes and 128 output bytes

FUNCTION 4

Provides status LEDs and local service interfaces for commissioning

APPLICATION	ENGINEERING CONTEXT
Remote rack control	Places Series 90-70 I/O at a documented Genius-bus remote drop.
Large I/O drops	Coordinates approved discrete, analog and specialty modules across multiple racks.
Redundant systems	Supports documented CPU and bus redundancy with the required hardware revision.
Remote diagnostics	Uses local indicators and the hand-held monitor port to isolate drop faults.

ACCEPTANCE DUTY

Confirm identity, interface, companion hardware, configured values and controlled functional response before release.

Engineering Precautions and FAQ

NO.	PRECAUTION
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.
6	Do not substitute a neighbouring catalog number without documented engineering approval.
7	Restore the exact configuration and verify normal module and system diagnostics.
8	Complete a controlled model-specific functional test before production release.

QUESTION	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
Woodward 5501-470	View Woodward 5501-470
Woodward 8200-203	View Woodward 8200-203
Woodward 8200-226	View Woodward 8200-226
Woodward 8280-192	View Woodward 8280-192
Woodward 8280-4001	View Woodward 8280-4001
Woodward 8406-113	View Woodward 8406-113

FAQ, Related Products and Official Sources

QUESTION	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.

MODEL	APTER POWER PAGE
Woodward 8440-1934	View Woodward 8440-1934
Woodward 8440-1947	View Woodward 8440-1947
Woodward 8440-2028	View Woodward 8440-2028
Woodward 8440-2050	View Woodward 8440-2050
Woodward 8440-2082	View Woodward 8440-2082
Woodward 9905-003	View Woodward 9905-003

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

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