

IC698RMX016

RX7i Redundancy Memory Xchange Module

GE IC698RMX016 is a single-slot PACSystems RX7i Memory Xchange module with 16 Mbytes of parity-protected reflective memory. It can operate as a redundancy link or as a reflective-memory network node using its multimode-fiber interface.

IDENTITY	VERIFIED VALUE
Manufacturer	GE
Complete model	IC698RMX016
Product role	RX7i Redundancy Memory Xchange Module
System family	PACSystems RX7i
Source record	GFK-2300G, IC698RMX016 features and compatibility

DOCUMENT SCOPE

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

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IC698RMX016

Technical Specifications

PARAMETER	VERIFIED VALUE
Controller family	PACSystems RX7i
Module type	Redundancy Memory Xchange
Reflective memory	16 Mbytes with parity
Form factor	Single slot
Fiber interface	Multimode fiber, LC transmit and receive ports
Network link speed	2.1 Gbps
Transfer rate	43 Mbps to 174 Mbps, packet-size dependent
Network capacity	Up to 256 nodes
CPU requirement	RX7i CPU firmware 2.0 or later
Programming software	PAC Machine Edition Logic Developer 4.5 or later

ENGINEERING BOUNDARY

Use only the complete GE IC698RMX016 identity and the current manufacturer documentation. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric 0552N1QLG132A-06-V1-1	View General Electric 0552N1QLG132A-06-V1-1
General Electric 151X1202YE03SA04 -IS200STAIH2ADC	View General Electric 151X1202YE03SA04-IS200STAIH2ADC
General Electric 151X1225DF01PC03RA	View General Electric 151X1225DF01PC03RA
General Electric 151X1233DB02SA02	View General Electric 151X1233DB02SA02
General Electric 151X1235BC01SA41	View General Electric 151X1235BC01SA41
General Electric 269PLUS-100P-120	View General Electric 269PLUS-100P-120

System Role and Common Applications

GE IC698RMX016 is a single-slot PACSystems RX7i Memory Xchange module with 16 Mbytes of parity-protected reflective memory. It can operate as a redundancy link or as a reflective-memory network node using its multimode-fiber interface.

FUNCTION 1

Provides 16 Mbytes of reflective memory with parity

FUNCTION 2

Supports RX7i CPU redundancy links

FUNCTION 3

Uses a 2.1 Gbps multimode-fiber network

FUNCTION 4

Reports local, remote, link and signal status through front LEDs

APPLICATION	ENGINEERING CONTEXT
CPU redundancy link	Transfers redundancy data between compatible RX7i controller units.
Reflective-memory networking	Shares deterministic data with compatible 5565-family network devices.
High-speed controller exchange	Moves 4- to 64-byte packets without PACS CPU processing.
Legacy network maintenance	Replaces an identical RMX016 after node, role and fiber checks.

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 IC698RMX016 marking and do not substitute the CMX016.
2	Back up node, role, interrupt and memory-offset configuration before removal.
3	Confirm the RX7i CPU firmware and PAC Machine Edition versions.
4	Use only the documented redundancy-capable CPU when the module is a redundancy link.
5	Label TX and RX multimode-fiber connections before disconnection.
6	Protect LC fiber ends from contamination and excessive bend radius.
7	Restore the role switch and configured node parameters exactly.
8	Verify link, local/remote ready-active, own-data and signal-detect status before release.

QUESTION	ANSWER
What is GE IC698RMX016?	It is the RX7i Redundancy Memory Xchange module with 16 Mbytes of reflective memory.
Can GE IC698RMX016 operate as a redundancy link?	Yes. Only the RMX module, paired with a CPU that supports redundancy, can provide the documented redundancy link.
What network interface does GE IC698RMX016 use?	It uses LC transmit and receive ports for a 2.1 Gbps multimode-fiber network.
How many nodes can a GE IC698RMX016 network support?	The official manual specifies up to 256 nodes.

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric 531X111PSHAPG3	View General Electric 531X111PSHAPG3
General Electric 531X111PSHARG1	View General Electric 531X111PSHARG1
General Electric 8021-CE-LH	View General Electric 8021-CE-LH
General Electric 8810-HI-TX-01	View General Electric 8810-HI-TX-01
General Electric 8811-IO-DC	View General Electric 8811-IO-DC
General Electric 8851-LC-MT	View General Electric 8851-LC-MT

FAQ, Related Products and Official Sources

QUESTION	ANSWER
Which software and CPU versions are required for GE IC698RMX016?	The manual specifies RX7i CPU firmware 2.0 or later and PAC Machine Edition Logic Developer 4.5 or later.
What must be preserved before replacing GE IC698RMX016?	Preserve the node number, role, memory offset, interrupts, redundancy settings and fiber routing.
What confirms successful commissioning of GE IC698RMX016?	Normal OK, LINK, ready/active, own-data and signal-detect indications plus data-transfer tests confirm release.

MODEL	APTER POWER PAGE
General Electric DS200TCEAG1BSF	View General Electric DS200TCEAG1BSF
General Electric IC600BF843	View General Electric IC600BF843
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

MANUFACTURER SOURCE RECORDS

Emerson Memory Xchange Module User Manual - GFK-2300G, IC698RMX016 features and compatibility
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