IC698CHS117

Verified product identity and engineering data

GE IC698CHS117 is a pacsystems rx7i 17-slot front-mount rack documented for GE PACSystems RX7i controller platform.

Engineering highlight 1

Front-service architecture: The rack mounts at the front of a standard 19-inch cabinet for module access from the service side.

Engineering highlight 2

Mixed RX7i/VME backplane: The VME64 rack supports approved RX7i and documented legacy VME or Series 90-70 modules.

Engineering highlight 3

Power-supply-dependent current budget: Available +5 V and +/-12 V capacity changes with the selected 100 W or 350 W supply.

Technical data by domain

Universal module slots	17
Module-slot pitch	20.3 mm
Power-supply slot width	61.0 mm
Mounting execution	Front mount
Cabinet rail format	19-inch rack
Backplane architecture	VME64
100 W supply +5 V capacity	20 A
100 W supply +12 V capacity	2 A
100 W supply -12 V capacity	1 A
350 W supply +5 V capacity	60 A
350 W supply +12 V capacity	12 A
350 W supply -12 V capacity	4 A
Minimum protective enclosure	IP54
Ground stud	#8-32

Evidence scope

GE Fanuc PACSystems RX7i Racks datasheet GFK-2236A and RX7i Installation Manual GFK-2223. Values remain limited to the verified exact product and stated system relationship.

Exact execution	IC698CHS117
Function boundary	PACSystems RX7i 17-Slot Front-Mount Rack within GE PACSystems RX7i controller platform
Primary installed use	RX7i controller rack
Selection evidence	Host the approved CPU, power supply and I/O arrangement.

System position and engineering use

Installed system
GE PACSystems RX7i controller platform

Product role
PACSystems RX7i 17-Slot Front-Mount Rack

Acceptance output
Diagnostics and assigned-function proof

Application map

RX7i controller rack
Host the approved CPU, power supply and I/O arrangement.

VME64 integration
Support documented compatible VME and legacy Series 90-70 modules.

Front-mount cabinet service
Provide service access in a standard 19-inch rack.

Installed-base expansion
Retain current budget, cooling and slot-assignment controls.

Engineering decisions

How is IC698CHS117 distinguished from IC698CHS017?

IC698CHS117 is the 17-slot front-mount execution; IC698CHS017 is rear mounted.

Which slot in IC698CHS117 is reserved for the power supply?

Slot 0 is the 61.0 mm power-supply position; module slots 1 through 17 are 20.3 mm wide.

How should the current budget for IC698CHS117 be calculated?

Sum each installed module?s +5 V and +/-12 V demand and compare it with the selected 100 W or 350 W supply limits.

Which enclosure requirement applies to IC698CHS117?

The rack is open equipment and must be installed in an IP54-or-better protective enclosure.

Interpretation boundaries

Component identity	Use the complete IC698CHS117 execution, not a family shorthand.
System relationship	GE PACSystems RX7i controller platform compatibility is checked against the installed arrangement.
Revision control	Marking and fitted interfaces are retained with the technical record.
Acceptance basis	Diagnostics and assigned function are compared with an approved baseline.

Diagnostics, evidence and portfolio

Technical question 5

How is protective earth connected to IC698CHS117? Use the rack #8-32 ground stud and the approved safety/reference-ground procedure.

Technical question 6

Can every VME module be fitted in IC698CHS117? Only modules documented as compatible with the RX7i VME64 backplane and the installed system configuration should be used.

Technical question 7

When is a fan assembly needed with IC698CHS117? Cooling depends on CPU, power supply and cabinet loading; use the RX7i installation rules for the exact installed combination.

Technical question 8

What proves successful replacement of IC698CHS117? Confirm rail voltages, CPU startup, complete slot inventory, diagnostics and representative I/O communication.

Verified related product references

- GE 9292286-01 L-400028
- GE IC698CHS017
- GE IC698CPE010
- GE IC698PSA350
- GE DS200DTBCG1AAA

Discuss the exact installed reference

Send the complete marking, installed relationship and required quantity.

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Technical owner	Record the responsible engineer or maintenance authority
Evidence location	Record the drawing, database or maintenance-record reference
Observed deviation	Describe any mismatch and its approved disposition
Release result	Retain the accepted diagnostic and functional outcome