

IC693CPU364

Series 90-30 CPU with Embedded Ethernet

PRODUCT TECHNICAL REFERENCE

GE IC693CPU364 is a single-slot Series 90-30 CPU with an embedded Ethernet interface. It executes the PLC application and connects the installed rack system to its configured Ethernet services.

OFFICIAL SOURCE

IC693CPU364 Data / Important Product Information | GFK-1490U, February 2011

Verified technical profile

Series 90-30 CPU with Embedded Ethernet

Module width	Single slot
Processor	80386EX at 25 MHz
Maximum baseplates	8 total
User memory	240 Kbytes maximum
Typical Boolean scan	0.22 ms per 1 K logic
Discrete inputs	2048
Discrete outputs	2048
Global discrete memory	1280 bits
Current from 5 V DC supply	1.1 A
Operating temperature	0 to 60 deg C
Ethernet fuse	125 V, 1 A, slow acting

Only values traceable to the listed manufacturer source are treated as verified technical data.

System role and engineering boundaries

GE IC693CPU364 is a single-slot Series 90-30 CPU with an embedded Ethernet interface. It executes the PLC application and connects the installed rack system to its configured Ethernet services.

1

Executes the Series 90-30 PLC application

2

Integrates an embedded Ethernet communication interface

3

Supports a CPU baseplate plus expansion or remote baseplates

4

Maintains a defined user-memory and I/O reference architecture

ENGINEERING NOTE

Install IC693CPU364 in the CPU position of a Series 90-30 baseplate and preserve the application, memory allocation, Ethernet settings and expansion-rack configuration. After download or replacement, verify PLC run state, Ethernet communications, I/O diagnostics and retained data before enabling outputs.

Industrial application matrix

Four source-supported operating contexts for this exact product.

Legacy machine-controller replacement

Restores an installed Series 90-30 CPU and embedded Ethernet node from a validated backup.

Distributed Series 90-30 I/O

Coordinates configured expansion or remote baseplates through the approved rack topology.

Ethernet-connected PLC supervision

Exchanges controller data with the documented host or supervisory network.

Controlled migration assessment

Provides the installed CPU identity and memory architecture required before planning a platform migration.

Related-series navigation

Eight verified Apter Power product pages, kept separate from the manufacturer source record.

RELATED APTER POWER SERIES PAGES	
01	IS200BTCH1BBB control card
02	IS200EMIOH1ACA exciter main I/O board
03	IS200ECTBG1A exciter contact terminal board
04	IS200TRTDH1CCC RTD terminal board
05	IC693CHS398 Series 90-30 expansion baseplate
06	IS200ACLEH1BCB application control layer module
07	DS200TCDAF1BCM digital I/O board
08	IS200STAOH2AAA analog output module

Navigation links only - not manufacturer evidence for technical parameters.

SOURCE RECORD

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APTER POWER SALES TEAM

WHATSAPP / PHONE
+86 180 3023 5313

EMAIL
sales13@apterpower.com

WEBSITE
www.apterpower.com



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