

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

GE PACSYSTEMS RX3I

IC695CPE310-ACAT

RX3I PROGRAMMABLE CONTROLLER

Used with the applicable PACSystems RX3i controllers configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: GE official manufacturer documentation

Specifications



Part No.	IC695CPE302	IC695CPE305	IC695CPE310	IC695CPE400 / IC695CPL410	IC695CPE330
Form Factor	Backplane	Backplane	Backplane	Standalone	Backplane
User Memory	2MB	6MB	13MB	64MB	64MB
I/O	• 16k Bits Discrete I/O • 32k Words for Analog I/O	• 32k Bits Discrete I/O • 32k Words for Analog I/O	• 32k Bits Discrete I/O • 32k Words for Analog I/O	• 32k Bits Discrete I/O • 32k Words for Analog I/O	• 32k Bits Discrete I/O • 32k Words for Analog I/O
Energy Pack*	Included	Included	Included	Available	Available
Redundancy Support	Media Redundancy Protocol (MRP) with PNC001	Media Redundancy Protocol (MRP) with PNC001	Media Redundancy Protocol (MRP) with PNC001	• Media Redundancy Protocol (MRP) • PROFINET System Redundancy (PNRS) • Media OPC UA NTSR*	• Media Redundancy Protocol (MRP) • PROFINET System Redundancy (PNRS) • Media OPC UA NTSR*
Ethernet Port	1 - 2 Port switch 10/100/1000	1 - 2 Port switch 10/100/1000	1 - 2 Port switch 10/100/1000	• 1- 10/100/1000 • 2- 2-port switch 10/100/1000	• 1- 10/100/1000 • 1- 2 Port switch 10/100/1000
Ethernet Protocols	• SRTP Client/Server • Modbus TCP/IP • OPC UA • EGD • PROFINET** • DNP3 Outstation** • IEC-61850 Client** • IEC-104 Server** • HART passthrough	• SRTP Client/Server • Modbus TCP/IP • OPC UA • EGD • PROFINET** • DNP3 Outstation** • IEC-61850 Client** • IEC-104 Server** • HART passthrough	• SRTP Client/Server • Modbus TCP/IP • OPC UA • EGD • PROFINET** • DNP3 Outstation** • IEC-61850 Client** • IEC-104 Server** • HART passthrough	• SRTP Client/Server • Modbus TCP/IP • OPC UA OPC UA (Non-Transparent Server Redundancy) • EGD • PROFINET • DNP3 Outstation • HART passthrough	• SRTP Client/Server • Modbus TCP/IP • OPC UA OPC UA (Non-Transparent Server Redundancy) • EGD • PROFINET • DNP3 Outstation** • IEC-61850 Client** • IEC-104 Server** • HART passthrough

PACSystems™ RX3i Controllers

Part No.	IC695CPE302	IC695CPE305	IC695CPE310	IC695CPE400 / IC695CPL410	IC695CPE330
Serial Protocols	• ASCII Serial • Modbus/RTU	• ASCII Serial • Modbus/RTU	• ASCII Serial • Modbus/RTU	• ASCII Serial	• ASCII Serial** • Modbus/RTU**
Remote I/O Devices	• 255 Simplex with PNC001	• 255 Simplex with PNC001	• 255 Simplex with PNC001	CPE400 • 32 Simplex • 20 Redundant • CPE410 • 64 Simplex • 32 Redundant	• 32 Simplex • 20 Redundant • 255 Simplex with PNC001
USB Interface	1 USB-A 2.0	1 USB-A 2.0	1 USB-A 2.0	2 USB-A 2.0****	1 USB-A 2.0
Memory Card	-	-	-	Micro SD***	1 CFast (Very high speed Compactflash)***
Other Interface	1 RS-232	1 RS-232	• 1 RS-232 • 1 RS-485	1 RS-232	-
Environmental	0°C to 60°C (Optional -40°C to +60°C)	0°C to 60°C (Optional -40°C to +60°C)	0°C to 60°C (Optional -40°C to +60°C)	-40°C to 70°C	0°C to 60°C (Optional -40°C to +60°C)
Agency Approvals	UKCA, UL, cUL, RoHS, CCC, FCC, Reach, UL HazLoc C1D2, ATEX Zone 2	UKCA, UL, cUL, RoHS, CCC, FCC, Reach, UL HazLoc C1D2, ATEX Zone 2	UKCA, UL, cUL, RoHS, CCC, FCC, Reach, UL HazLoc C1D2, ATEX Zone 2	UKCA, UL, cUL, RoHS, CCC, FCC, Reach, UL HazLoc C1D2, ATEX Zone 2	UKCA, UL, cUL, RoHS, CCC, FCC, Reach, UL HazLoc C1D2, ATEX Zone 2
Marine	ABS, BV, LR, DNV GL	ABS, BV, LR, DNV GL	ABS, BV, LR, DNV GL	ABS, BV, DNV GL	ABS, BV, DNV GL

Energy Pack provides power during power failure while data is written to NV RAM

* Non-Transparent Server Redundancy

** Requires additional and separate module

*** Available later

**** 1 USB 2.0 for PACEdge, 1 USB 2.0 for PACSystems (available later)

Ordering Information

Part Number*	Description
IC695CPE302	RX3i CPE302 Controller
IC695CPE302LT	RX3i CPE302 Controller, low temperature
IC695CPE305	RX3i CPE305 Controller
IC695CPE305CA	RX3i CPE305 Controller, conformal coated
IC695CPE305LT	RX3i CPE305 Controller, low temperature
IC695CPE310	RX3i CPE310 Controller
IC695CPE310CA	RX3i CPE310 Controller, conformal coated
IC695CPE310LT	RX3i CPE310 Controller, low temperature
IC695CPE330	RX3i CPE330 Controller
IC695CPE330CA	RX3i CPE330 Controller, conformal coated
IC695CPK330	RX3i CPE330 Controller with Energy Pack
IC695CPK330CA	RX3i CPE330 Controller with Energy Pack, conformal coated
IC695CPE330LT	RX3i CPE330 Controller, low temperature
IC695CPE400	PACSystems RX3i Controller with PACEdge and Movicon Connex software
IC695CPE400CA	PACSystems RX3i Controller with PACEdge and Movicon Connex software, conformal coated
IC695CPK400	PACSystems RX3i Controller with PACEdge and Movicon Connex software, with Energy Pack
IC695CPL410	PACSystems RX3i Controller with PACEdge and Movicon WebHMI software
IC695CPL410CA	PACSystems RX3i Controller with PACEdge and Movicon WebHMI software, conformal coated
IC695CKL410	PACSystems RX3i Controller with PACEdge and Movicon WebHMI software, with Energy Pack
IC695ACC402	Energy Pack for RX3i CPE330
IC695ACC402LT	Energy Pack for RX3i CPE330, low temperature
IC695ACC403	Energy Pack for RX3i CPE400/CPL410