

PACSYSTEMS RX3i CPE305-BXXX

Product Data Sheet

IC695CPE305CA IC695CPE305CA-BCAD

Conformal Coated CPU Module

USER MEMORY CAPACITY	NONVOLATILE USER STORAGE	MAXIMUM PROGRAM BLOCKS	MAXIMUM INDIVIDUAL BLOCK
6 MB	6 MB Flash	512	128 KB

Emerson IC695CPE305CA IC695CPE305CA-BCAD is a conformal coated CPU module in the PACSystems RX3i CPE305-Bxxx family. It serves compatible installed control equipment in the documented system configuration.

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VERIFIED TECHNICAL DATA

User memory capacity	6 MB
Nonvolatile user storage	6 MB Flash
Maximum program blocks	512
Maximum individual block	128 KB
Discrete reference tables	32 kbit each, %I and %Q
Analog reference tables	32 kword each, %AI and %AQ
Embedded Ethernet ports	2 Gigabit Ethernet ports
SRTP server sessions	32 maximum
Modbus TCP server sessions	16 maximum
Client communication channels	16 SRTP or Modbus TCP channels

ADDITIONAL PRODUCT DATA

USB data-storage interface	USB 2.0 Type A
Program language support	LD, ST, FBD and C
Backplane communication	Dual PCI/Serial bus
Remote I/O exchange	EGD Class 1
Retention energy pack	IC695ACC400

DOCUMENTED USE SETTINGS

Manufacturing and Industrial Production Automation: Industrial Manufacturing Process Automation.

Food Processing and Beverage Production: Food Processing and Production.

Water Supply and Wastewater Treatment: Municipal Water Supply Control.

SYSTEM COMPATIBILITY

Match IC695CPE305CA IC695CPE305CA-BCAD to the documented PACSystems RX3i CPE305-Bxxx arrangement. Confirm the supplied execution, connections and required companion equipment before integration.

PRODUCT EVIDENCE

Emerson GFK-3248K, Bxxx and conformal-coated variants, p.1 footnote and pp.1 to 2 introduction