

EMERSON OVATION

5X00241G02

Ovation OCR400 processor module

Product identity and technical data

Manufacturer	Emerson
Part number	5X00241G02
Product family	Ovation OCR400
Product type	Processor module
Controller platform	OCR400
Processor	Intel Celeron, 400 MHz
Operating system	VxWorks
Flash memory	64 MB
DRAM	64 MB, expandable to 128 MB

Product summary

Emerson 5X00241G02 is an OCR400 processor-module catalog option documented for the Ovation distributed control platform.

It provides the processor-side Ovation-network function while the separate IOIC module manages communication with connected I/O devices.

Before replacement, match the complete 5X00241G02 label and confirm the OCR400 assembly, network wiring, controller database and redundant-partner arrangement.

Configuration and selection checks

Additional technical data

Process-point capacity	Up to 32,000 points
I/O capacity	Up to 4,778 I/O points
Control tasks	Five
Battery / PROM	Not required

Network

- The processor module communicates with the Ovation network.
- Nine processor-module indicators report documented network-status conditions.
- Controller-to-controller communications are supported within the Ovation system architecture.

Redundancy

- The OCR400 controller is documented as an entirely redundant design.
- Bumpless failover transfers control to the backup controller when required.
- The redundant pair is supervised by documented watchdog operation.

Software

- OCR400 controller operation uses the VxWorks operating system.
- Control execution is divided among five controller tasks.
- The platform supports standard Ovation control and third-party communication functions.