

Ovation OCR1100

Product Data Sheet

5X00481G04

Ovation Controller CPU Card

PROCESSOR BASE FREQUENCY	CONTROLLER BUS	ORIGINATED POINT CAPACITY	CONTROL TASK ALLOCATION
1.1 GHz	CompactPCI	32,000 maximum	5 independent tasks

Emerson 5X00481G04 is an Ovation controller CPU card in the Ovation OCR1100 family. It serves compatible installed control equipment in the documented system configuration.

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VERIFIED TECHNICAL DATA

Processor base frequency	1.1 GHz
Controller bus	CompactPCI
Originated point capacity	32,000 maximum
Control task allocation	5 independent tasks
User-selectable task period	10 ms to 30 s, 10 ms increments
Fixed task periods	100 ms and 1 s
Controller memory	1 Gb Flash and 256 Mb RAM
Ovation network ports	4 ports, 10/100 Mbit/s
Sequence-of-events resolution	1 ms
Controller supply rating	24 V DC, 40 W

ADDITIONAL PRODUCT DATA

Ambient humidity	0 to 95% RH
Local Ovation I/O capacity	16 branches x 8 modules
Remote-node interface limit	16 interfaces, 64 I/O modules each
Extended Q-Line allocation	1 additional node, 48 cards
Controller certification	Achilles Level 1

DOCUMENTED USE SETTINGS

Electric Power and Industrial Energy Production: Electric Power Generation Control.

Water Supply and Wastewater Treatment: Municipal Water Supply Control.

Hydroelectric Generation and Renewable Energy Production: Hydroelectric Power Generation Control.

SYSTEM COMPATIBILITY

Match 5X00481G04 to the documented Ovation OCR1100 arrangement. Confirm the supplied execution, connections and required companion equipment before integration.

PRODUCT EVIDENCE

Emerson PWS_002863 [28], OCR1100 CPU 5X00481G04, pp.1 to 3, 6 to 7