

MODEL-SPECIFIC TECHNICAL REFERENCE

Yokogawa CP461-50 S1 CENTUM VP Processor Module

CP461-50 S1 is a Yokogawa CENTUM VP processor module for supported field control units. The S1 style and -50 suffix must be matched to the installed FCU, system release, project database, and redundant-processor arrangement.

Manufacturer Yokogawa	Product family CENTUM VP Field Control Unit	Configuration CP461-50 S1
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Officially documented configuration

Model	CP461-50
Style code	S1
Product type	Processor module
Control platform	CENTUM VP
Supported FCU family	AFV30S/D and AFV40S/D
Additional FCU family	A2FV50S/D and A2FV70S/D subject to style requirements
Redundancy use	Single or duplex according to FCU configuration
Project data	CENTUM VP engineering database
Replacement constraint	Style and system-release dependent
Measured warehouse weight	0.64 kg
Measured warehouse dimensions	3.1 x 14.8 x 20 cm
Commissioning need	Processor diagnostics and redundancy verification

INSTALLATION AND PROCUREMENT REFERENCE

CP461-50 S1 application guidance

Yokogawa CP461-50 S1 is a processor module used with documented CENTUM VP field control units, including AFV30, AFV40, A2FV50, and A2FV70 families subject to style and system-revision conditions. The complete -50 S1 identity is required for legacy matching.

The processor executes field-control functions, manages the control database, and coordinates the FCU interfaces assigned by the CENTUM VP engineering environment. In redundant configurations, processor pairing and switchover behavior are part of the validated control architecture.

Current Yokogawa documents may require later CP461 styles for newer system combinations, so S1 must not be assumed equivalent to S2 or later. Confirm FCU type, software release, style code, firmware, redundancy, project backup, and slot before replacement.

High-risk technical note

For CP461-50 S1, preserve the CENTUM VP project and verify FCU model, software release, processor pair style, slot, and redundancy state before removal.

Manufacturer source record

- Yokogawa GS 33J60E10-01EN Processor Module CP461
- Yokogawa CENTUM VP System Overview and FCU specifications



Request a quotation for CP461-50 S1

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Please include the complete nameplate, quantity, destination, and required delivery date.

Prepared from the manufacturer references listed above. Verify the latest manufacturer revision and the complete installed configuration before replacement or commissioning.