CENTUM VP CP461

Product Data Sheet

CP461-51 S2

Field Control Processor Module

PROCESSOR	CPU CLOCK FREQUENCY	MAIN MEMORY	BATTERY-BACKED MEMORY RETENTION
VR5532	**350 MHz**	**128 MB**	**72 hours maximum**

Yokogawa CP461-51 S2 is a CENTUM field control processor module built around a VR5532 processor running at 350 MHz with 128 MB of main memory. It is used in the documented field control unit arrangements, including A2FV50 installations accepting CP461 hardware style S2 or later.

01 TECHNICAL DATA

Processor	VR5532
CPU clock frequency	350 MHz
Main memory	128 MB
Battery-backed memory retention	72 hours maximum
Backup battery recharge time	48 hours minimum
Backup battery part number	S9548FA
Redundant processor quantity	2 identical CP461 modules
A2FV50 supported hardware style	S2 or later

Yokogawa CP461-51 S2 technical reference; confirmed shared specifications with variant-specific ratings identified separ

02 ADDITIONAL PRODUCT DATA

The processor uses the S9548FA backup battery. The documented battery-backed memory retention is up to 72 hours, with a minimum 48-hour recharge period. A duplex arrangement uses two identical CP461 modules; host-unit power consumption and I/O capacity are separate from the processor specifications.

03 PRODUCT FUNCTION

Match CP461-51 S2 to the installed CENTUM field control unit and its configured processor arrangement. The A2FV50 specification accepts CP461 S2 or later, and redundant operation requires two identical processor modules rather than a mixed CP461/CP471 pair.

04 SYSTEM COMPATIBILITY

Retain the host project, processor pairing and bus-interface arrangement. The A2FV50 host supports the listed communication and N-IO/FIO couplers, but their node limits and input power are host specifications, not independent processor-board electrical ratings.

05 REFERENCE

Yokogawa CP461-51 S2 technical reference; confirmed shared specifications with variant-specific ratings identified separately.

AMIKON PRODUCT SUPPORT

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