CENTUM VP

Product Data Sheet

AFV10D-S41101 S2

Duplexed Field Control Unit

PROCESSOR	MAIN MEMORY	MAXIMUM BATTERY BACKUP	MINIMUM BATTERY RECHARGE
VR5432 at 133 MHz	**32 MB**	**72 hours**	**48 hours**

Yokogawa AFV10D-S41101 S2 is a rack-mounted duplexed Field Control Unit for a CENTUM VP field control station using Vnet/IP and FIO. Its order code selects redundant Vnet/IP, redundant power and 100–120 V AC input.

01 TECHNICAL DATA

Processor	VR5432 at 133 MHz
Main memory	32 MB
Maximum battery backup	72 hours
Minimum battery recharge	48 hours
Input supply	100–120 V AC at 50/60 Hz
Power consumption	200 VA
Network interface	Dual-redundant Vnet/IP
Power redundancy	Dual-redundant
Rack mounting	19-inch, eight M5 screws
Maximum local I/O modules	8

Yokogawa GS 33K50E30-50E, pp. 1–4

02 ADDITIONAL PRODUCT DATA

Combined ESB and ER node limit	14 with expansion
Maximum ESB node count	9
Status contact rating	30 V DC at 0.3 A maximum
Vnet/IP cable	CAT5e or better UTP
ESB bus coupler slots	7 and 8 in dual-redundant configuration

03 PRODUCT FUNCTION

The unit uses the CP451 processor architecture with 32 MB main memory and supports up to eight local I/O modules. Up to 14 combined ESB and ER nodes are supported with the applicable licensing and capacity expansion.

04 SYSTEM COMPATIBILITY

For a dual ESB connection, fit the EC401 pair in slots 7 and 8. Review the ESB and ER node count and the required expansion licenses before connecting remote nodes.

05 REFERENCE

Yokogawa GS 33K50E30-50E, pp. 1–4

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