



Yokogawa AIP532 S1

CENTUM Control Bus Adapter

Product scope

- Adapts legacy CENTUM V net cabling to the field-control-station bus interface.
- Provides paired CPU-L/CPU-R connections for Bus 1 and Bus 2 paths.
- Shows receive and left/right send activity at the module faceplate.
- Requires exact Style S1 and V net media matching before replacement.

Manufacturer source

Yokogawa Integrated Production Control System CENTUM CS 3000 Hardware, TI 32S01J10-01E, V net cabling section.

The enclosed record and retained manufacturer pages identify the exact product and explain its function, operating principle, application and critical matching requirements.

Request a fast quote	Product reference	
Email: info@apterpower.com Phone: +86 18106909650 apter.com/inquiry.php	Yokogawa AIP532 S1	

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Manufacturer-source product record

This record consolidates exact-model facts from the manufacturer references listed below. It is included to identify the ordering configuration before the retained source pages.

Model and style	AIP532, Style S1
System	Yokogawa CENTUM CS / CENTUM VP legacy V net architecture
Role	Control bus adapter for documented V net interconnection
Network media	V net 10BASE-5 and 10BASE-2 connection example
Processor connections	CPU-L and CPU-R interfaces
Bus paths	Bus 1 and Bus 2
Front indications	RCV, SND-L and SND-R
Control	ENBL and DSBL functions shown in the official cabling arrangement

Official references

- Yokogawa Integrated Production Control System CENTUM CS 3000 Hardware, TI 32S01J10-01E, V net cabling section.
- Official source: https://web-material3.yokogawa.com/TI32S01J10-01E_022.pdf

Only the exact configuration shown above is represented. Adjacent model variants, optional assemblies and system accessories are not treated as part of this ordering identity.

Function, operating principle and application

The notes below explain how this product is used and how its documented signal, power or control path operates. They remain limited to the manufacturer evidence for this model.

Purpose

AIP532 adapts the documented V net cabling to the control-station bus interface, providing separate paths for redundant bus communication and processor-side connection.

Operating principle

Incoming and outgoing network signals are routed through the adapter between V net media and the paired CPU-L/CPU-R interfaces. Receive and left/right send indications provide local communication status.

Redundancy role

The Bus 1 and Bus 2 arrangement supports the redundant control-network architecture used by the related CENTUM field-control hardware.

Application

The adapter is used when maintaining or renewing a legacy CENTUM cabinet that retains V net 10BASE-5/10BASE-2 cabling and the associated control-unit connection.

Installation caution

Confirm Style S1, cable type, clamp filters, CPU-L/CPU-R assignment and enable/disable position from the project drawings. Do not substitute a Vnet/IP interface for this legacy adapter without an engineered migration.

- Connecting V net Cables (10BASE-5) and (10BASE-2) Interconnection Example

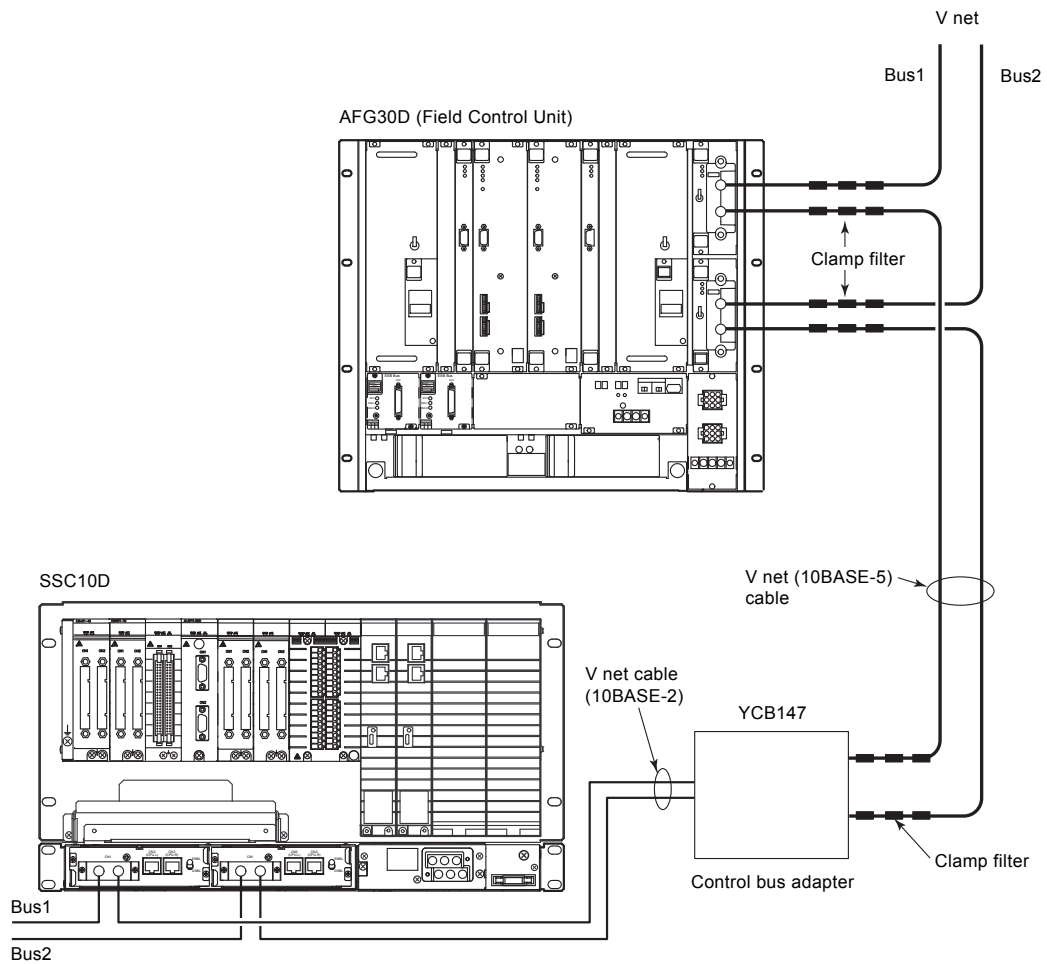


Figure V net Cable (10BASE-5 and 10BASE-2) Connection

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