

AAI835-S00 S2

Four-Channel Analog Input and Output Module

Yokogawa AAI835-S00 S2 is a CENTUM VP analog I/O module with four isolated 4-20 mA input channels and four isolated 4-20 mA output channels in the documented style S2 execution.

PRODUCT SNAPSHOT

BRAND
Yokogawa

FAMILY
Yokogawa CENTUM VP FIO

PART
AAI835-S00 S2

ORIGIN / HS
Japan / 8537101190

APTER POWER

WHATSAPP / PHONE

+86 180 3023 5313

SHIP FROM

Xiamen, Fujian, China



PRODUCT OVERVIEW

Yokogawa AAI835-S00 S2 is a CENTUM VP analog I/O module with four isolated 4-20 mA input channels and four isolated 4-20 mA output channels in the documented style S2 execution.



Provides four isolated 4-20 mA inputs



Provides four isolated 4-20 mA outputs



Uses the documented S00 / style S2 execution



Integrates with the CENTUM VP FIO architecture

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximator Sensor	AISI 4140 target

ENGINEERING CONTEXT

The product performs isolated analog signal acquisition and output control in the documented documented Yokogawa CENTUM VP FIO node. Installation and commissioning must preserve the exact identity, interfaces and approved configuration.

TECHNICAL DATA

PARAMETER	VALUE
Module	AAI835
Suffix	-S00
Style	S2
Analog inputs	4 isolated channels, 4-20 mA

PARAMETER	VALUE
Analog outputs	4 isolated channels, 4-20 mA
System family	CENTUM VP FIO
Country of origin	Japan
HS code	8537101190

TECHNICAL NOTE

Confirm AAI835-S00 S2, documented Yokogawa CENTUM VP FIO node, four input channels, four output channels, terminal or cable interface and node configuration, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Process analog input acquisition

Reads four documented 4-20 mA transmitter signals.

Control-valve output service

Drives four documented 4-20 mA output loops.

Mixed analog I/O replacement

Restores input and output assignments in one FIO position.

Loop commissioning

Supports channel-by-channel calibration and response checks.

PRODUCT PRECAUTIONS

1

Confirm the complete AAI835-S00 S2 marking and controlled maintenance record before work.

2

Place the documented Yokogawa CENTUM VP FIO node and associated machine or process in the

3

Isolate the documented power, signal and protection circuits before disconnecting AAI835-S00 S2.

4

Record the installed position, four input channels, four output channels, terminal or cable interface and node

5

Protect connectors, terminals, cable routing and mounting surfaces from damage or contamination.

6

Restore the exact documented Yokogawa CENTUM VP FIO node configuration, channel assignments and

7

Review live diagnostics, bias, trip or channel status after controlled energization.

8

Verify the intended isolated analog signal acquisition and output control response and retain acceptance

ENGINEER FAQ

Q1 How is the exact AAI835-S00 S2 execution identified?

Match the complete AAI835-S00 S2 marking, manufacturer record and installed-position record; do not substitute by appearance.

Q2 What documented role does AAI835-S00 S2 perform?

It performs isolated analog signal acquisition and output control in the documented documented Yokogawa CENTUM VP FIO node.

Q3 Which host must be matched before fitting AAI835-S00 S2?

Match the exact documented Yokogawa CENTUM VP FIO node, channel, rack or system position shown in the controlled site record.

Q4 Which interfaces must be recorded for AAI835-S00 S2?

Record four input channels, four output channels, terminal or cable interface and node configuration, together with mounting, polarity, shielding, grounding and cable routing.

Q5 What isolation controls apply to AAI835-S00 S2?

Isolate the documented power, signal and protection circuits before disconnecting AAI835-S00 S2.

Q6 What must be restored after installing AAI835-S00 S2?

Restore the exact documented Yokogawa CENTUM VP FIO node configuration, channel assignments and mechanical arrangement.

Q7 What proves AAI835-S00 S2 is ready for service?

Retain diagnostics and a controlled isolated analog signal acquisition and output control response test with alarms or interlocks where applicable.

Q8 Which manufacturer record supports the AAI835-S00 S2 page?

CENTUM VP System Overview and FIO Module Documentation, Yokogawa TI33K01A12-50E; AAI835 style S2 listed in official hazardous-area documentation.

RELATED APTER POWER PAGES

330730-080-13-05	330180-X1-05-MOD-161255-02	330180-X1-05-MOD-145004-66	330801-28-04-105-00-02
330880-28-15-106-00-02	330101-20-45-05-02-05	330904-08-15-10-02-CN	330880-28-45-020-03-02

SOURCE CENTUM VP System Overview and FIO Module Documentation | Yokogawa TI33K01A12-50E;
AAI835 style S2 listed in official hazardous-area documentation
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