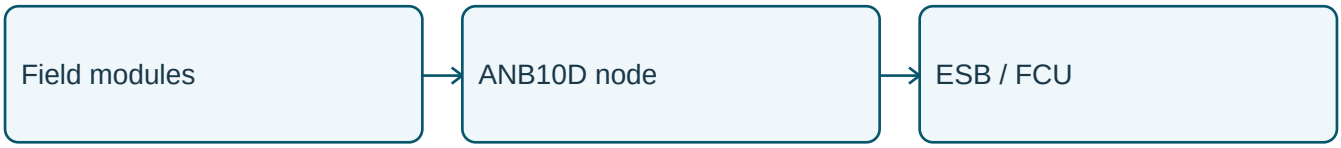
ANB10D-S1

01 / System identity and preparation

Yokogawa ANB10D-S1 forms a node position between field I/O modules and the field control unit, combining the ESB communication path with the node power-distribution function.



Preparation priorities

Complete identity	Match ANB10D-S1 and all additional assembly, power-module and interface markings on the offered unit.
Host and bus relationship	Verify the FCU, ESB coupler arrangement, redundant paths and permitted node configuration.

Guide boundary

This Apter Power guide organizes preparation and acceptance checks. Apply the manufacturer instructions and approved site procedure for detailed wiring, mounting, configuration and functional testing.

Application boundary

The technical data describes the ANB10D base design. Match the complete ANB10D-S1 marking, style and installed configuration; do not transfer later suffix approvals or ratings automatically.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

02 / Configuration review before service

Complete identity	Match ANB10D-S1 and all additional assembly, power-module and interface markings on the offered unit.
Host and bus relationship	Verify the FCU, ESB coupler arrangement, redundant paths and permitted node configuration.
Installed module inventory	Record the PW power-module models, SB401 pair and all I/O or communication modules, including their allowed positions.
Functional acceptance	Verify node communication, both redundant paths where configured and the expected field-module data after controlled restoration.

Identify the fitted power modules

Select supply requirements from the actual PW module and node configuration, never from the shortened node marking alone.

Preserve redundant paths

Identify both SB401 channels and corresponding ESB connections. Do not interchange or omit a required redundant path.

Mismatch decision

Resolve a different catalog marking, interface, software requirement or installed configuration before proceeding. Physical similarity alone does not establish an approved replacement.

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03 / Hardware and interface checks

Check module eligibility

Confirm the FCU and release-specific module list, including communication-only restrictions where they apply.

Review rack installation

Use the approved rack mounting and insulation arrangement, with adequate support and access for module maintenance.

Key hardware references

Node communication	ESB bus
Base bus configuration	Dual-redundant
Base I/O module positions	8 maximum
Node interface family	SB401

Preserve the connection record

Photograph and label the affected connections before disconnection. Retain the original routing, module positions and identification with the work order, and compare the restored installation against that record.

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04 / Commissioning and diagnostic decisions

Check node loading

Verify module allocation, power loading and environmental limits before adding I/O or communication modules.

Validate the whole assembly

Test node status, communication and field-module behavior after replacement. Confirm all supplied modules and separate accessories in the quotation.

Acceptance checkpoints

Before energization	Verify the FCU, ESB coupler arrangement, redundant paths and permitted node configuration.
Configuration review	Record the PW power-module models, SB401 pair and all I/O or communication modules, including their allowed positions.
Functional release	Verify node communication, both redundant paths where configured and the expected field-module data after controlled restoration.

Abnormal result

If diagnostics, communication or functional response differ from the approved baseline, stop the release and resolve the configuration or installation issue. Do not bypass an interlock or protective function to obtain a passing test.

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05 / Service record and technical references

Lifecycle and support

The current manufacturing and service-support phase for this complete offered reference has not been confirmed.

Technical basis

Yokogawa ANB10S/ANB10D ESB Bus Node Units, GS 33J60F20-01EN, 8th edition.

Applicability

The technical data describes the ANB10D base design. Match the complete ANB10D-S1 marking, style and installed configuration; do not transfer later suffix approvals or ratings automatically.

Related portfolio references

Yokogawa SR1220E2 SR1220E2-3SN

Yokogawa PW482-S01

Yokogawa PW482-10

Yokogawa NP53*C

Navigation only. These listings are not confirmed replacements, compatible accessories or included items.

Handover record

Retain the complete fitted marking, hardware/software revision where applicable, connection record and accepted test results. Confirm separate accessories and documents in the quotation.

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