

Yokogawa SR1220E2 SR1220E2-3SN

Complete Product Information

SR1220E2 SR1220E2-3SN maintains the retained control-card function at a specific backplane position, where revision identity and station configuration govern replacement suitability.

WHAT THIS PRODUCT DOES

Yokogawa SR1220E2 SR1220E2-3SN is a legacy control-card assembly identified by its board code and complete variant marking.

Product characteristic 1

Performs the retained control-card function in the installed station.

Product characteristic 2

Uses a complete board and variant identity for replacement control.

Product characteristic 3

Exchanges power and signals through the system backplane.

Product characteristic 4

Requires the associated configuration and companion-card record to be preserved.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Hardware class	Control card
Installation	Legacy control-system backplane
Execution	SR1220E2-3SN variant
Configuration scope	Installed station control function
Maintenance method	Like-for-like board replacement
Product role	Control Card

IMPORTANT NOTICE

Preserve the complete SR1220E2 SR1220E2-3SN identity and verify its documented electrical, network or signal response before release.

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Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Hardware class	Control card
Installation	Legacy control-system backplane
Execution	SR1220E2-3SN variant
Configuration scope	Installed station control function
Maintenance method	Like-for-like board replacement

FEATURE INTERPRETATION

Product identity Performs the retained control-card function in the installed station.	System role Uses a complete board and variant identity for replacement control.
Service context Exchanges power and signals through the system backplane.	Return-to-service focus Requires the associated configuration and companion-card record to be preserved.

SIGNAL OR CONTROL PATH



SR1220E2 SR1220E2-3SN should be matched to the documented system position, companion hardware and retained project configuration before the channel or station is returned to control.

PRODUCT-PAGE TECHNICAL QUESTIONS

Why are two markings retained for Yokogawa SR1220E2 SR1220E2-3SN?	The board code and full variant marking together identify the installed control-card execution.
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Common applications

The application groups below reproduce the model-specific uses presented on the product page and connect each use to a practical verification point.

Legacy controller repair Restores a documented control-card position after board-level failure.	Station spare planning Keeps a verified variant for the installed hardware release.
Backplane fault isolation Separates card failure from rack power or connector problems.	Modernization survey Captures the board function and system dependency before migration.

APPLICATION VERIFICATION MAP

Legacy controller repair	Confirm the documented system position and the required operating function.
Station spare planning	Compare the restored connection or control path with the approved record.
Backplane fault isolation	Check the physical interface and the retained configuration before startup.
Modernization survey	Record diagnostics and the final controlled response before release.

INFORMATION CARRIED INTO THE WORK RECORD

Identity record Complete marking and assigned system position.	Connection record Connector, conductor and interface arrangement as found.
Configuration record Controlled settings, application data and option state.	Acceptance record Observed status, response and release decision.

IMPORTANT NOTICE

Use the complete product identifier for every application review; a related product link is not evidence of interchangeability.

APPLICATION QUESTIONS

What configuration should be preserved for Yokogawa SR1220E2 SR1220E2-3SN?	Save the station database, board-specific parameters and all related communication settings available for the installed system.
How should outputs be handled while Yokogawa SR1220E2 SR1220E2-3SN is offline?	Transfer affected loops and interlocks to the approved safe maintenance condition before power removal.
Which backplane checks are suitable for Yokogawa SR1220E2 SR1220E2-3SN?	Inspect alignment, connector damage, retention and rack power without altering adjacent hardware.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

- 01 Record both SR1220E2 and SR1220E2-3SN markings.
- 02 Capture the exact backplane slot and adjacent card arrangement.
- 03 Back up all available station configuration before shutdown.
- 04 Place controlled outputs and interlocks in a safe maintenance state.
- 05 Remove rack power and use ESD protection.
- 06 Inspect backplane contacts without bending or cleaning them abrasively.
- 07 Restore the documented board execution and configuration.
- 08 Verify startup, communication, I/O exchange and control response before release.

FREQUENTLY ASKED TECHNICAL QUESTIONS

Why are two markings retained for Yokogawa SR1220E2 SR1220E2-3SN?	The board code and full variant marking together identify the installed control-card execution.
Which slot information should accompany Yokogawa SR1220E2 SR1220E2-3SN?	Record the rack, backplane slot, adjacent cards and connector orientation before removal.
What configuration should be preserved for Yokogawa SR1220E2 SR1220E2-3SN?	Save the station database, board-specific parameters and all related communication settings available for the installed system.
How should outputs be handled while Yokogawa SR1220E2 SR1220E2-3SN is offline?	Transfer affected loops and interlocks to the approved safe maintenance condition before power removal.

IMPORTANT NOTICE

Confirm the complete SR1220E2 SR1220E2-3SN marking, assigned system position and mating interfaces before installation.

RELEASE CHECKLIST

Identity accepted	The complete product marking and assigned system position agree.
Interfaces accepted	Connections, retention and controlled configuration match the recorded condition.
Response accepted	Diagnostics and the intended technical response have been documented.

FAQ, configuration control and related models

ADDITIONAL TECHNICAL QUESTIONS

Which backplane checks are suitable for Yokogawa SR1220E2 SR1220E2-3SN?	Inspect alignment, connector damage, retention and rack power without altering adjacent hardware.
Why is revision matching important for Yokogawa SR1220E2 SR1220E2-3SN?	Legacy control cards may depend on the installed station release, backplane execution and companion hardware.
What startup evidence is expected from Yokogawa SR1220E2 SR1220E2-3SN?	The board should reach its documented normal indication and exchange data without rack or communication diagnostics.
Which functional test closes service on Yokogawa SR1220E2 SR1220E2-3SN?	Verify affected I/O values, control calculations, alarms, interlocks and communication paths against the retained station record.

CONFIGURATION CONTROL RECORD

Configuration identity	Yokogawa SR1220E2 SR1220E2-3SN
Technical boundary	Apply only the functions and interfaces shown for this product or its identified system family.
Selection control	Match the complete ordering string and installed interfaces before purchase or installation.

RELATED MODELS ON APTERPOWER

Yokogawa EB401-50 S1	Related product reference. Review the complete ordering string before selection.
Yokogawa ALF111-S50 S1	Related product reference. Compare the required interface and system position.
Yokogawa ET5*B	Related product reference. Confirm the execution independently for the intended task.

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