Yokogawa F3RP45-2P/L1

Complete Product Information

F3RP45-2P/L1 runs the retained real-time control application in an FA-M3 station, so the operating environment, ROM data and installed module identity must travel together during service.

WHAT THIS PRODUCT DOES

Yokogawa F3RP45-2P/L1 is a legacy FA-M3 VxWorks CPU execution built on the documented F3RP45-2P base module.

Product characteristic 1

Runs a retained VxWorks real-time control application.

Product characteristic 2

Uses the documented F3RP45-2P base hardware.

Product characteristic 3

Occupies an FA-M3/e-RT3 CPU position.

Product characteristic 4

Requires application and hardware records to be preserved because the base model is discontinued.

PRODUCT-PAGE TECHNICAL SNAPSHOT

CPU family	FA-M3 VxWorks CPU
Base module	F3RP45-2P
System platform	FA-M3 / e-RT3
Lifecycle status	Sales and support ended
Module handling	System power off for installation or removal
ESD control	Static discharge required before handling
Installation environment	Pollution degree 2

IMPORTANT NOTICE

Preserve the complete F3RP45-2P/L1 identity and verify its documented electrical, network or signal response before release.

APTERPOWER SALES TEAM
WhatsApp / Phone: +86 180 3023 5313
Email: sales13@apterpower.com
Scan the approved WhatsApp code for model-specific support.

Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

CPU family	FA-M3 VxWorks CPU
Base module	F3RP45-2P
System platform	FA-M3 / e-RT3
Lifecycle status	Sales and support ended
Module handling	System power off for installation or removal
ESD control	Static discharge required before handling
Installation environment	Pollution degree 2

FEATURE INTERPRETATION

Product identity

Runs a retained VxWorks real-time control application.

System role

Uses the documented F3RP45-2P base hardware.

Service context

Occupies an FA-M3/e-RT3 CPU position.

Return-to-service focus

Requires application and hardware records to be preserved because the base model is discontinued.

SIGNAL OR CONTROL PATH

Field device → **Product interface** → **System channel** → **Verified response**

F3RP45-2P/L1 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

Which base hardware underlies Yokogawa F3RP45-2P/L1?	The official lifecycle record identifies F3RP45-2P as the base VxWorks CPU module.

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 machine control

Maintains an installed FA-M3 VxWorks application.

Special-purpose sequencing

Executes the retained real-time program and I/O exchange.

CPU spare strategy

Keeps a verified replacement for an obsolete controller position.

Migration planning

Provides the baseline hardware and application record for a controlled upgrade.

APPLICATION VERIFICATION MAP

Legacy machine control	Confirm the documented system position and the required operating function.
Special-purpose sequencing	Compare the restored connection or control path with the approved record.
CPU spare strategy	Check the physical interface and the retained configuration before startup.
Migration planning	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

Where is Yokogawa F3RP45-2P/L1 installed?	It occupies a CPU position in an FA-M3 or e-RT3 modular control station.
Why must the application image be retained before changing Yokogawa F3RP45-2P/L1?	The real-time program, boot configuration and I/O relationships are part of the working controller execution.
What lifecycle constraint applies to Yokogawa F3RP45-2P/L1?	Yokogawa lists the F3RP45-2P base model as discontinued with support ended.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

01	Record the full F3RP45-2P/L1 label and installed slot.
02	Back up the VxWorks application and all boot media.
03	Capture connected I/O, serial interfaces and network settings.
04	Turn off FA-M3 system power before removal or insertion.
05	Discharge static electricity before touching the module.
06	Preserve protective earth and noise-separation wiring.
07	Restore the exact boot and application configuration.
08	Verify startup, I/O exchange and machine interlocks before release.

FREQUENTLY ASKED TECHNICAL QUESTIONS

Which base hardware underlies Yokogawa F3RP45-2P/L1?	The official lifecycle record identifies F3RP45-2P as the base VxWorks CPU module.
What operating-system family is associated with Yokogawa F3RP45-2P/L1?	The F3RP45-2P base belongs to Yokogawa's VxWorks-compatible CPU family.
Where is Yokogawa F3RP45-2P/L1 installed?	It occupies a CPU position in an FA-M3 or e-RT3 modular control station.
Why must the application image be retained before changing Yokogawa F3RP45-2P/L1?	The real-time program, boot configuration and I/O relationships are part of the working controller execution.

IMPORTANT NOTICE	Confirm the complete F3RP45-2P/L1 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

What lifecycle constraint applies to Yokogawa F3RP45-2P/L1?	Yokogawa lists the F3RP45-2P base model as discontinued with support ended.
When may Yokogawa F3RP45-2P/L1 be removed from its base?	Removal or insertion should occur only after FA-M3 system power is switched off under the approved procedure.
Which handling control protects Yokogawa F3RP45-2P/L1 electronics?	Discharge static electricity and use the site's approved ESD controls before touching the module.
What test closes a Yokogawa F3RP45-2P/L1 replacement?	Confirm normal boot, application execution, I/O exchange, communication and every affected machine interlock.

CONFIGURATION CONTROL RECORD

Configuration identity	Yokogawa F3RP45-2P/L1
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 SB311 S1	Related product reference. Review the complete ordering string before selection.
Yokogawa ANB10D-427/CU2T	Related product reference. Compare the required interface and system position.
Yokogawa ANB10D-427/CU2N	Related product reference. Confirm the execution independently for the intended task.

APTERPOWER SALES TEAM
WhatsApp / Phone: +86 180 3023 5313
Email: sales13@apterpower.com
Scan the approved WhatsApp code for model-specific support.