

Yokogawa F3RP45-2PL1

**Exact identity**

Yokogawa F3RP45-2PL1 is a legacy FA-M3 control-system article. The supplied Yokogawa hardware manual governs FA-M3 installation, power, grounding and handling; the complete -2PL1 suffix must be verified from the installed nameplate.

| PARAMETER                       | VERIFIED VALUE                                                       |
|---------------------------------|----------------------------------------------------------------------|
| Manufacturer                    | Yokogawa Electric Corporation                                        |
| Supplied model identity         | F3RP45-2PL1                                                          |
| Official base-model record      | F3RP45-2P                                                            |
| Product platform                | FA-M3 / e-RT3 modular control system                                 |
| Lifecycle record                | F3RP45-2P sales ended 2010-09-30; official support is shown as ended |
| Applicable hardware manual      | IM 34M06C11-01E                                                      |
| Ambient operating temperature   | 0 to 55 deg C                                                        |
| Relative humidity               | 10 to 90% RH, noncondensing                                          |
| Installation pollution degree   | Pollution degree 2                                                   |
| Permitted system power supplies | Yokogawa F3PUxx FA-M3 power-supply modules                           |

Pre-work boundary: Exact article evidence is limited to Yokogawa's F3RP45-2P lifecycle listing and the supplied FA-M3 hardware manual. The -2PL1 suffix and installed project configuration must be verified from the nameplate and controlled site records.

Evidence reviewed: Yokogawa FA-M3 Hardware Manual IM 34M06C11-01E and FA-M3 / e-RT3 discontinued-product list TI 34M06Z40-01.

Yokogawa F3RP45-2PL1

**01 / Installation check**

Verify F3RP45-2PL1 exactly as marked; do not substitute the documented F3RP45-2P base identity for an unverified suffix.

**02 / Installation check**

Back up the installed FA-M3 project, module position, network settings and associated I/O information before removal.

**03 / Installation check**

Stop the controlled process and turn off every applicable system and field supply before installing or removing the module.

**04 / Installation check**

Use only the documented FA-M3 power-supply arrangement and confirm the total current-consumption plan before energizing.

**05 / Installation check**

Connect a low-impedance protective earth and follow the Yokogawa CE earthing method where it applies.

**06 / Installation check**

Discharge static electricity before touching the module, connectors or backplane interfaces.

**07 / Installation check**

Secure connectors and route communication or signal wiring away from power and other noise sources.

**08 / Installation check**

After restoration, execute a controlled trial run and verify diagnostics, communications, I/O operation and emergency-stop response before release.

**Hold point**

Do not energize until identity, isolation, connectors, configuration and the applicable safety or protection chain have been independently checked.

Yokogawa F3RP45-2PL1

| RELEASE ITEM        | REQUIRED EVIDENCE                                       |
|---------------------|---------------------------------------------------------|
| Identity            | Exact article, revision and installed position recorded |
| Configuration       | Approved backup and restored settings recorded          |
| Connections         | Connector, wiring, network and shield checks completed  |
| Diagnostics         | Startup diagnostics reviewed and accepted               |
| Function            | Controlled application test completed                   |
| Safety / protection | Applicable safety or protection chain proved            |
| Baseline            | Final indications, alarms and response recorded         |
| Release             | Authorized acceptance and handover completed            |

### Application-specific confirmation

#### Legacy FA-M3 station maintenance

Maintains an installed FA-M3 control station after the exact F3RP45-2PL1 nameplate and configuration are recorded.

#### FA-M3 system restoration

Restores the assigned module position under the Yokogawa hardware installation rules.

#### Industrial controller renewal

Supports a controlled replacement workflow where project, power and I/O identities are preserved.

#### Installed-base support

Provides a documented engineering boundary for a discontinued FA-M3 article.

Record actual test values and approvals in the site commissioning record; this guide does not replace the manufacturer's procedure.

Verified ApterPower navigation links; not approved substitutes

| NO. | RELATED PRODUCT                 | APTERPOWER LINK                                           |
|-----|---------------------------------|-----------------------------------------------------------|
| 01  | Allen-Bradley 1756-PA72         | <a href="#">View Allen-Bradley 1756-PA72 page</a>         |
| 02  | Allen-Bradley 1756-PB72         | <a href="#">View Allen-Bradley 1756-PB72 page</a>         |
| 03  | Allen-Bradley 1756-PA75         | <a href="#">View Allen-Bradley 1756-PA75 page</a>         |
| 04  | Allen-Bradley 1756-PB75         | <a href="#">View Allen-Bradley 1756-PB75 page</a>         |
| 05  | Allen-Bradley 1756-PSCA2        | <a href="#">View Allen-Bradley 1756-PSCA2 page</a>        |
| 06  | Allen-Bradley 1756-IF8          | <a href="#">View Allen-Bradley 1756-IF8 page</a>          |
| 07  | Allen-Bradley 1756-OF8          | <a href="#">View Allen-Bradley 1756-OF8 page</a>          |
| 08  | Siemens 6ES7288-2DR08-0AA0      | <a href="#">View Siemens 6ES7288-2DR08-0AA0 page</a>      |
| 09  | Siemens 39VIMCCN-16171-126-6    | <a href="#">View Siemens 39VIMCCN-16171-126-6 page</a>    |
| 10  | Siemens 39VIMCCN-A5E00282175-07 | <a href="#">View Siemens 39VIMCCN-A5E00282175-07 page</a> |
| 11  | Siemens 3RN2011-1BA30           | <a href="#">View Siemens 3RN2011-1BA30 page</a>           |
| 12  | Siemens 3RT6015-1BB41           | <a href="#">View Siemens 3RT6015-1BB41 page</a>           |
| 13  | Siemens 3SK2122-1AA10           | <a href="#">View Siemens 3SK2122-1AA10 page</a>           |
| 14  | Siemens 3TY7540-0A              | <a href="#">View Siemens 3TY7540-0A page</a>              |
| 15  | Siemens 549-214                 | <a href="#">View Siemens 549-214 page</a>                 |
| 16  | Siemens 6AV2124-0QC02-0AX1      | <a href="#">View Siemens 6AV2124-0QC02-0AX1 page</a>      |

Recommendation links are navigation aids only and do not establish compatibility.

#### APTER POWER CONTACT

WHATSAPP / PHONE +86 180 3023 5313

EMAIL [sales13@apterpower.com](mailto:sales13@apterpower.com)

WEBSITE [www.apterpower.com](http://www.apterpower.com)



F3RP45-2PL1