# Schneider Electric TSXP4720

PLC Processor / Work scope and retained evidence

A controlled exchange preserves the application archive, rack inventory, communication paths and memory accessories before power is removed.

### PREPARATION 1

Verify the TSXP4720 nameplate and installed processor position.

### PREPARATION 2

Place the machine in the approved shutdown and lockout condition.

### PREPARATION 3

Archive the application, constants, data and communication settings.

### PREPARATION 4

Record rack modules, addresses, cabling and memory accessories.

| | |
|---|---|
| **Retain** | Exact label, position and approved configuration |
| **Protect** | Personnel, process, contacts and field circuits |
| **Record** | Wiring, addresses, project and observed baseline |
| **Release** | Only after witnessed diagnostics and functional checks |

## Pre-work boundary

No conductor, memory device, network setting or terminal position is changed until its installed identity has been captured in the maintenance record.

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|---|---|
| **Work package** | Exact Schneider Electric TSXP4720 scope |
| **System owner** | Responsible person for the affected TSX Series 7 installation |
| **Backup owner** | Named custodian of the validated software or configuration copy |
| **Field witness** | Person confirming conductor, connector and terminal identity |
| **Release witness** | Person approving diagnostics and the final functional test |

### READY TO REMOVE

Isolation, backups, labels and baseline observations are complete.

### NOT READY

Any unresolved identity, connection or project discrepancy stops the work.

# Schneider Electric TSXP4720

PLC Processor / Mechanical and electrical preparation

### FIELD CONTROL 1

Remove power before processor or backplane handling.

### FIELD CONTROL 2

Use grounded ESD controls and inspect connectors before seating.

### FIELD CONTROL 3

Restore only the validated program and configuration set.

### FIELD CONTROL 4

Review diagnostics and prove the machine sequence before release.

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|---|---|
| **Identity check** | TSXP4720 |
| **Configuration set** | Project, channel, address or interface data retained |
| **Physical record** | Slot, terminal, connector and cable positions captured |
| **Energy control** | Rack, field and connected process sources isolated |
| **Handling** | Grounded ESD and protected contacts |
| **Inspection** | No contamination, damage or loose termination |

## Installation decision

Proceed only when the replacement identity and every required restoration record are available at the work location.

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|---|---|
| **Mechanical fit** | Mounting, rack seating, cutout or terminal mating confirmed |
| **Electrical fit** | Supply, polarity, commons, ranges and protection checked |
| **Information fit** | Addresses, project, memory or runtime application retained |
| **Environmental fit** | Enclosure, grounding, contamination and cable condition reviewed |
| **Service fit** | Test equipment, approved procedure and rollback plan available |

### PRE-ENERGIZATION HOLD

Keep TSXP4720 de-energized until every fit check is signed.

### RESTORATION BASIS

Return connections and configuration to the captured approved baseline only.

# Schneider Electric TSXP4720

PLC Processor / Controlled restoration

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|---|---|
| **1 / isolate** | Apply the approved machine, rack and field energy controls. |
| **2 / capture** | Record exact identity, connections, software and observed baseline. |
| **3 / exchange** | Protect contacts and restore the documented physical arrangement. |
| **4 / configure** | Apply only the validated project, addresses, ranges or runtime files. |
| **5 / diagnose** | Review module, network and system indicators before operation. |
| **6 / prove** | Witness each required field response and retain the acceptance record. |

### STOP CONDITION

Pause when an identifier, conductor, project or interface does not match the approved record.

### ESCALATION

Resolve discrepancies through engineering review before power or process control is restored.

## Controlled restoration

For TSXP4720, restoration is controlled as a chain: captured physical arrangement, validated configuration, correct seating or termination, healthy diagnostics and proven system response.

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|---|---|
| **Visual inspection** | No bent contacts, damaged threads, contamination or trapped conductor |
| **Connection inspection** | Every connector, screw or memory device is fully seated |
| **Configuration inspection** | Loaded revision and settings match the retained baseline |
| **Diagnostic inspection** | Status indications are interpreted before field operation |
| **Functional inspection** | Required response is proved without bypassing safeguards |

### ROLLBACK POINT

Stop and return to the safe state if any restoration check fails.

### TRACEABILITY

Attach readings, screenshots or observations to the TSXP4720 work order.

# Schneider Electric TSXP4720

PLC Processor / Commissioning sequence

| | |
|---|---|
| **Pre-work** | Identity, backups, wiring and energy controls complete |
| **Post-install** | Seating, terminals, grounding and configuration verified |
| **Diagnostics** | Relevant module, network and system status reviewed |
| **Functional proof** | Required inputs, outputs, communications or HMI actions witnessed |
| **Handover** | Exceptions, measurements and restored revision recorded |

## Commissioning questions

### What is Schneider Electric TSXP4720?

It is the processor designated TSX 47-20 for the legacy TSX Series 7 platform.

### Why must the Schneider Electric TSXP4720 project be archived?

The processor role is defined by its machine-specific application, data and installed I/O configuration.

### What hardware record is needed for Schneider Electric TSXP4720?

Retain the processor position, rack module list, addresses, communication paths and memory accessories.

### How is Schneider Electric TSXP4720 commissioned?

Clear approved diagnostics, verify communications and test the intended I/O and sequence under controlled conditions.

### What is the lifecycle status of Schneider Electric TSXP4720?

Schneider Electric lists it as discontinued, with production ended on 31 December 2004.

### Can Schneider Electric TSXP4720 be replaced by family name alone?

No. The exact processor, program, memory arrangement and rack composition must be reviewed together.

### What should be checked before energizing Schneider Electric TSXP4720?

Check seating, connector condition, power arrangement and the validated program loaded for that machine.

### What does obsolescence mean for Schneider Electric TSXP4720 maintenance?

It increases the importance of exact spares, complete backups and a documented migration plan.

## Decision closeout

Close the TSXP4720 work order with isolation removal, restored settings, inspection results and every required functional witness documented.

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| **Question coverage** | Identity, function, configuration and field handling addressed |
| **Open item** | Any unanswered exact-model point is listed without guessed data |
| **Decision owner** | Responsible engineering or maintenance role identified |
| **Supporting record** | Drawing, project revision, readings and witnessed result attached |

### APPROVAL

The TSXP4720 decision is accepted only within the documented scope.

### REVIEW TRIGGER

A different suffix, wiring arrangement, project or application requires a new review.

# Schneider Electric TSXP4720

PLC Processor / Handover and support

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|---|---|
| **Work identity** | Schneider Electric TSXP4720 |
| **Precondition** | Safe state plus complete restoration record |
| **Installation evidence** | Position, terminals, cables, settings and software baseline |
| **Commissioning evidence** | Diagnostics plus witnessed functional result |
| **Handover** | Recorded revision, exceptions and responsible approval |

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|---|---|
| **Retained evidence** | Nameplate, source title, configuration baseline and field record |
| **Installation evidence** | Isolation, conductor/connector record and post-work inspection |
| **Commissioning evidence** | Diagnostics, measurements and intended response |
| **Final record** | Responsible witness, date, exceptions and approved disposition |

## VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

| | |
|---|---|
| **Schneider Electric TSXP574634M** | View Schneider Electric TSXP574634M page |
| **Schneider Electric TSXP57302M** | View Schneider Electric TSXP57302M page |

## MANUFACTURER EVIDENCE RECORD

**Schneider Electric TSXP4720 Product Page**

PROCESSEUR TSX 47-20 / lifecycle record

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Send the exact model, quantity, destination and requested condition for a quotation.