APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

51402573-150

UCN Interface Module

CONTROLLED ENGINEERING COPY

Only exact part identity and HPM UCN function are asserted. Board-level electrical and revision details remain unspecified without exact controlled documentation.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	51402573-150
Manufacturer part	51402573-150
Hardware type	51402573-150
System family	High-Performance Process Manager

1 PLAN — 2 ISOLATE — 3 CONNECT — 4 CONFIGURE — 5 TEST

APTER POWER SALES TEAM

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01 PRE-INSTALLATION PLAN

1. Confirm part number 51402573-150 in the HPM node.
2. Record UCN cable identity and node position.
3. Capture communication diagnostics before isolation.
4. Back up the applicable HPM configuration.
5. Use ESD controls on the interface board and connectors.

MATCHED HARDWARE

- HPM node card file
- Universal Control Network
- Documented node cabling
- HPM configuration and diagnostics

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	51402573-150 / 51402573-150 recorded
Physical interface	HPM node card file
Companion check	Universal Control Network
Functional proof	Interfaces an HPM node to the Universal Control Network.
Application test	HPM UCN node communication

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Part number	51402573-150
Module function	UCN interface
System family	HPM
Network	Universal Control Network
Service class	Controller network interface

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	HPM node card file
Companion hardware	Universal Control Network
Field connection	Documented node cabling
Primary system function	Interfaces an HPM node to the Universal Control Network.
Controlled acceptance duty	HPM UCN node communication

FIELD NOTE

Only exact part identity and HPM UCN function are asserted. Board-level electrical and revision details remain unspecified without exact controlled documentation.

03 COMMISSIONING WORKFLOW

1. Confirm 51402573-150 and part number 51402573-150 against the installed record.
2. Verify the physical connection to HPM node card file.
3. Apply the documented technical values for part number.
4. Exercise the function: interfaces an hpm node to the universal control network..
5. Run a controlled test for hpm ucn node communication.
6. Record the final state, diagnostics and operator acceptance before release.

COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	51402573-150 / 51402573-150 recorded
Physical interface	HPM node card file
Companion check	Universal Control Network
Functional proof	Interfaces an HPM node to the Universal Control Network.
Application test	HPM UCN node communication

04 RETURN-TO-SERVICE RECORD

- [ ] Do not borrow data from a nearby UCN interface revision.
- [ ] Restore network communication under the HPM service procedure.
- [ ] Retain node, network and diagnostic acceptance evidence.
- [ ] Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	51402573-150
INSTALLED POSITION	Documented High-Performance Process Manager position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Honeywell MC-TDOR62	TPS relay-output termination	View Honeywell MC-TDOR62 page
Honeywell MC-TPIX12 51304084-175	TPS pulse-input termination	View Honeywell MC-TPIX12 51304084-175 page
Honeywell MC-TSIM12 51303932-476	TPS serial-interface termination	View Honeywell MC-TSIM12 51303932-476 page
Honeywell MC-TAOY25 51305865-275	TPS analog-output termination	View Honeywell MC-TAOY25 51305865-275 page
Honeywell DC-TFB412	Series C redundant FIM IOTA	View Honeywell DC-TFB412 page
Honeywell MC-IOLX02	TPS remote I/O link extender	View Honeywell MC-IOLX02 page
Honeywell 10002/1/2	FSC control and I/O module	View Honeywell 10002/1/2 page
Honeywell 10014/F/F	FSC communication module	View Honeywell 10014/F/F page

SOURCE IDENTIFIERS

Honeywell HPM service documentation

HPM UCN interface family

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