51403988-150

HPM Control Card

CONTROLLED ENGINEERING COPY

Only the exact HPM COMM CONTROL CC identity is used here. Connector, firmware and electrical values remain unspecified unless verified on the installed revision.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	51403988-150
Manufacturer part	51403988-150
Hardware type	51403988-150
System family	High-Performance Process Manager

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

APTER POWER SALES TEAM

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com

01 PRE-INSTALLATION PLAN

1. Match PWA 51403988-150 to the HPM node record.
2. Capture the active node state and diagnostics before isolation.
3. Back up the applicable HPM configuration before card work.
4. Use ESD controls throughout removal and installation.
5. Preserve connector identity and card-file position.

MATCHED HARDWARE

- HPM node card file
- HPM communication path
- HPM controller electronics
- Documented node configuration

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	51403988-150 / 51403988-150 recorded
Physical interface	HPM node card file
Companion check	HPM communication path
Functional proof	Provides the HPM communication and control board function.
Application test	HPM node maintenance

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
PWA number	51403988-150
Node type	HPM
Board identity	HPM COMM CONTROL CC
System family	High-Performance Process Manager
Board class	Communication/control card

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	HPM node card file
Companion hardware	HPM communication path
Field connection	HPM controller electronics
Primary system function	Provides the HPM communication and control board function.
Controlled acceptance duty	HPM node maintenance

FIELD NOTE

Only the exact HPM COMM CONTROL CC identity is used here. Connector, firmware and electrical values remain unspecified unless verified on the installed revision.

03 COMMISSIONING WORKFLOW

1. Confirm 51403988-150 and part number 51403988-150 against the installed record.
2. Verify the physical connection to HPM node card file.
3. Apply the documented technical values for pwa number.
4. Exercise the function: provides the hpm communication and control board function..
5. Run a controlled test for hpm node maintenance.
6. Record the final state, diagnostics and operator acceptance before release.

COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	51403988-150 / 51403988-150 recorded
Physical interface	HPM node card file
Companion check	HPM communication path
Functional proof	Provides the HPM communication and control board function.
Application test	HPM node maintenance

04 RETURN-TO-SERVICE RECORD

- [ ] Do not borrow specifications from a nearby HPM board number.
- [ ] Restore the node under the approved controller procedure.
- [ ] Retain communications, control and diagnostic acceptance evidence.
- [ ] Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	51403988-150
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 System HINTS and HPM service documentation

PWA HPM COMM CONTROL CC

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