

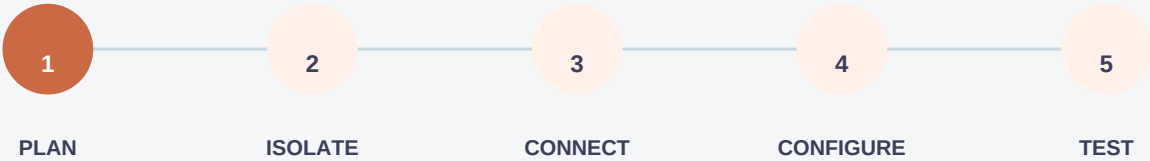
MC-PAOX03 51309152-175

MC-PAOX03 Analog Output IOP

CONTROLLED ENGINEERING COPY

Honeywell MC-PAOX03 51309152-175 is the MC-PAOX03 Analog Output IOP used for generation and supervision of eight independent 4-20 mA analog outputs in a documented PM/APM/HPM Process Manager I/O installation. Confirm the complete identity and installed system configuration before replacement.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	MC-PAOX03 51309152-175
Manufacturer	Honeywell
System family	PM/APM/HPM Process Manager I/O
Record scope	Installation, application and verification



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01 PRE-INSTALLATION PLAN

- 1

Confirm the complete MC-PAOX03 51309152-175 identity on the hardware and maintenance record.
- 2

Place the affected PM/APM/HPM Process Manager I/O process in the approved maintenance state.
- 3

Record the installed position, connectors, terminals, wiring and configuration before removal.
- 4

Isolate all documented power and field energy and apply ESD controls where required.
- 5

Inspect the replacement identity, revision, interfaces and mating hardware before installation.

MATCHED HARDWARE

- Honeywell MC-PAOX03 51309152-175 with exact visible identity
- Matched PM/APM/HPM Process Manager I/O host
- Documented power, field and communication interfaces
- Approved configuration and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	MC-PAOX03 51309152-175 recorded
Physical interface	Installed terminals, ports and signals matched to the as-found record
Configuration	Approved Honeywell hardware and system configuration restored
Functional proof	Controlled test confirms generation and supervision of eight independent 4-20 mA analog outputs

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Product type	Analog Output I/O Processor
IOP model	MC-PAOX03
Manufacturer item number	51309152-175
Channels	8
Output range	4-20 mA
Calibrated accuracy	+/-0.35% of full scale at 25 degC
Resolution	+/-0.05% of full scale
Channel architecture	Individual DAC and output power per channel
Failure action	Hold or unpower, configurable
Coating	Conformally coated
Compliance execution	CE-compliant part

RELATED PRODUCT PAGES

1 Honeywell MC-TAIH12 51304337-150

2 Honeywell MC-TAOX12 51304335-175

3 Honeywell MC-TDOR12 51309148-175

4 Honeywell MU-PAOX03 51304672-100

5 Honeywell MU-TAIH12 51304337-100

6 Honeywell MU-TAOX12 51304335-100

7 Honeywell MU-TAOX12 51304335-125

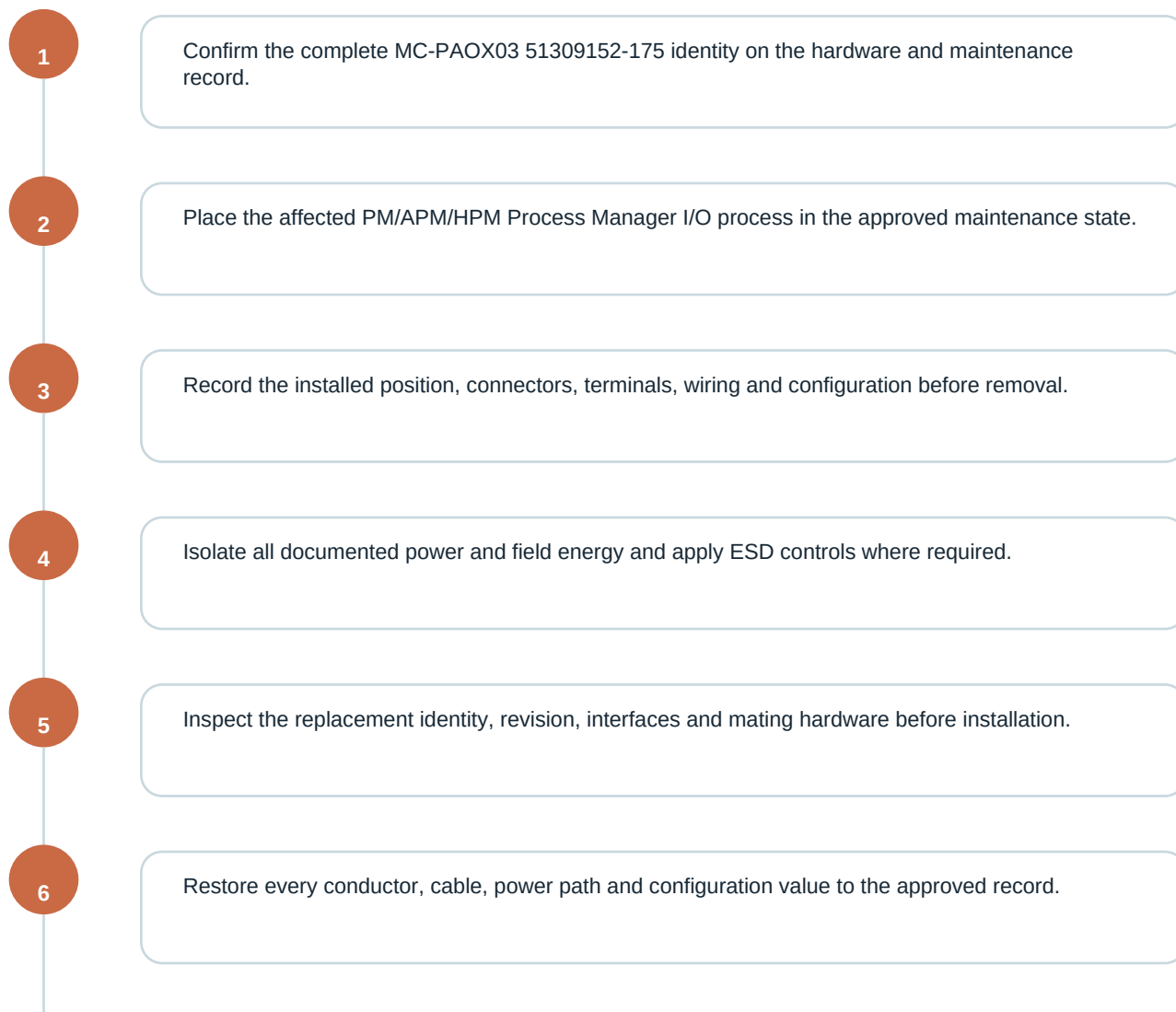
8 Honeywell 51401496-100

9 Honeywell 51401642-150

FIELD NOTE

Confirm MC-PAOX03 51309152-175 and the installed system before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	MC-PAOX03 51309152-175
Physical interface	Installed terminals, ports and signals matched to the as-found record
Configuration	Approved Honeywell hardware and system configuration restored
Functional proof	Controlled test confirms generation and supervision of eight independent 4-20 mA analog outputs

04 RETURN-TO-SERVICE RECORD

- ☐ Inspect the replacement identity, revision, interfaces and mating hardware before installation.
- ☐ Restore every conductor, cable, power path and configuration value to the approved record.
- ☐ Review host, module, channel or network diagnostics after controlled energization.
- ☐ Perform a controlled test that proves generation and supervision of eight independent 4-20 mA analog outputs before release.

VERIFICATION RECORD

PRODUCT IDENTITY	MC-PAOX03 51309152-175
INSTALLED POSITION	Documented PM/APM/HPM Process Manager I/O position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Inspect the replacement identity, revision, interfaces and mating hardware before installation.
- ☐ Restore every conductor, cable, power path and configuration value to the approved record.
- ☐ Review host, module, channel or network diagnostics after controlled energization.
- ☐ Perform a controlled test that proves generation and supervision of eight independent 4-20 mA analog outputs before release.

SOURCE IDENTIFIERS

Honeywell Process Manager I/O Installation R610 | Honeywell manufacturer publication