

MC-PAOX03 51309152-175

MC-PAOX03 Analog Output IOP

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.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	PM/APM/HPM Process Manager I/O
Part number	MC-PAOX03 51309152-175
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install MC-PAOX03 51309152-175 only in its documented PM/APM/HPM Process Manager I/O position. Preserve the exact interfaces, wiring and configuration, then verify diagnostics and generation and supervision of eight independent 4-20 mA analog outputs under controlled conditions.

System Role and Architecture

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.

FUNCTION 1
Channels: 8

FUNCTION 2
Output range: 4-20 mA

FUNCTION 3
Calibrated accuracy: +/-0.35% of full scale at 25 degC

FUNCTION 4
Resolution: +/-0.05% of full scale

RELATED APTER POWER PAGES

1Honeywell MC-TAIH12 51304337-150

2Honeywell MC-TAOX12 51304335-175

3Honeywell MC-TDOR12 51309148-175

4Honeywell MU-PAOX03 51304672-100

5Honeywell MU-TAIH12 51304337-100

6Honeywell MU-TAOX12 51304335-100

7Honeywell MU-TAOX12 51304335-125

8Honeywell 51401496-100

9Honeywell 51401642-150

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	PM/APM/HPM Process Manager I/O
02	Matched PM/APM/HPM Process Manager I/O host and field interface
03	Documented power, signal, communication and grounding connections
04	Approved configuration, diagnostics and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	PM/APM/HPM Process Manager I/O
Interface role	generation and supervision of eight independent 4-20 mA analog outputs
Field / power context	documented PM/APM/HPM Process Manager I/O installed position
Commissioning evidence	Identity, wiring, configuration, diagnostics and controlled response recorded

INSTALLATION AND CONNECTION CHECKS

1Confirm the complete MC-PAOX03 51309152-175 identity on the hardware and maintenance record.

2Place the affected PM/APM/HPM Process Manager I/O process in the approved maintenance state.

3Record the installed position, connectors, terminals, wiring and configuration before removal.

4Isolate all documented power and field energy and apply ESD controls where required.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

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

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

ENGINEERING BOUNDARY

Confirm MC-PAOX03 51309152-175, its exact host, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

PRE-INSTALLATION CHECKS

- 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.

Applications and Engineering Context

MC-PAOX03 Analog Output IOP

Provides generation and supervision of eight independent 4-20 mA analog outputs in the approved PM/APM/HPM Process Manager I/O architecture.

Installed-system maintenance

Preserves the documented slot, termination, wiring and configuration during replacement.

Controlled commissioning

Restores power and signals in the approved sequence and reviews diagnostics.

Acceptance verification

Confirms the intended channel, network or safety function before release.

TECHNICAL NOTE

Install MC-PAOX03 51309152-175 only in its documented PM/APM/HPM Process Manager I/O position. Preserve the exact interfaces, wiring and configuration, then verify diagnostics and generation and supervision of eight independent 4-20 mA analog outputs under controlled conditions.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	MC-PAOX03 51309152-175 recorded
Host / carrier	PM/APM/HPM Process Manager I/O
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

IMPORTANT NOTICE

Confirm MC-PAOX03 51309152-175, its exact host, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

Honeywell MC-TAIH12 51304337-150

View Honeywell MC-TAIH12 51304337-150 page

2

Honeywell MC-TAOX12 51304335-175

View Honeywell MC-TAOX12 51304335-175 page

3

Honeywell MC-TDOR12 51309148-175

View Honeywell MC-TDOR12 51309148-175 page

4

Honeywell MU-PAOX03 51304672-100

View Honeywell MU-PAOX03 51304672-100 page

5

Honeywell MU-TAIH12 51304337-100

View Honeywell MU-TAIH12 51304337-100 page

6

Honeywell MU-TAOX12 51304335-100

View Honeywell MU-TAOX12 51304335-100 page

7

Honeywell MU-TAOX12 51304335-125

View Honeywell MU-TAOX12 51304335-125 page

8

Honeywell 51401496-100

View Honeywell 51401496-100 page

9

Honeywell 51401642-150

View Honeywell 51401642-150 page

MANUFACTURER SOURCE RECORD

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

APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.