

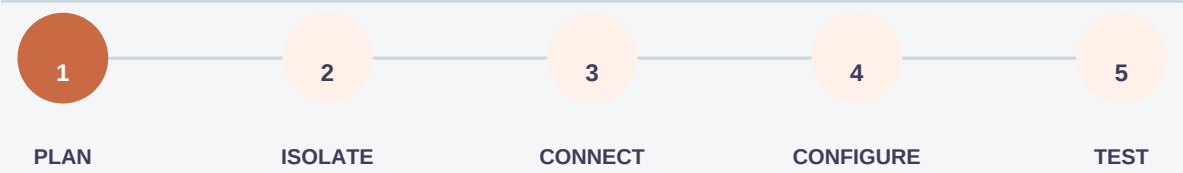
CC-PAON01 51410070-175

CC-PAON01 High-Level Analog Output Module

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Honeywell CC-PAON01 51410070-175 is a 16-channel Series C high-level analog output module for 4-20 mA process signals. It supports output readback, open-wire detection and optional redundant operation with the documented IOTA.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	CC-PAON01 51410070-175
Manufacturer	Honeywell
System family	Experion PKS Series C I/O
Record scope	Installation, application and verification



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01 PRE-INSTALLATION PLAN

- 1

Confirm CC-PAON01 and item number 51410070-175 on the module record.
- 2

Place all sixteen output loops in the approved maintenance state.
- 3

Record channel assignments, commanded values, FAILOPT behavior and redundancy status.
- 4

Isolate the module and field circuits using the documented Series C procedure.
- 5

Verify the CC-TAON01 or CC-TAON11 IOTA and loop polarity.

MATCHED HARDWARE

- Honeywell CC-PAON01 51410070-175 with exact visible identity
- Matched Experion PKS Series C I/O host
- Documented power, field and communication interfaces
- Approved configuration and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	CC-PAON01 51410070-175 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 sixteen 4-20 mA process outputs

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Product type	High-level analog output module
Module model	CC-PAON01
Manufacturer item number	51410070-175
I/O family	Experion PKS Series C I/O
Channels	16 analog outputs
Output range	4-20 mA
Direct-set range	0 mA or 2.9-21.1 mA
Maximum load	800 ohm with 22-28 V supply
Compliance voltage	16 V
Maximum open-circuit voltage	22 V
Response	Within 1% in 80 ms
Calibrated accuracy	+/-0.35% of full scale at 25 degC
Linearity	+/-0.05% of full scale nominal

RELATED PRODUCT PAGES

- 1

ABB DLM02
- 2

ABB DSTD196 3BSE004725R1
- 3

ABB PFTK101A YM222001-UC
- 4

ABB PM566-TP-ETH
1SAP121500R0071
- 5

ABB PM511V08 3BSE011180R1
- 6

ABB NBRA-657C 59006410
- 7

ABB FPBA-01-M
- 8

ABB FEN-21 68679303
- 9

ABB FEIP-21 3AXD50000192793

FIELD NOTE

Confirm CC-PAON01 51410070-175, its exact host, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	CC-PAON01 51410070-175
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 sixteen 4-20 mA process outputs

04 RETURN-TO-SERVICE RECORD

- ☐
- Verify the CC-TAON01 or CC-TAON11 IOTA and loop polarity.
- ☐
- Restore each 4-20 mA range, load and channel configuration.
- ☐
- Review readback discrepancy, open-wire and module diagnostics.
- ☐
- Command controlled outputs on every assigned channel before release.

VERIFICATION RECORD

PRODUCT IDENTITY	CC-PAON01 51410070-175
INSTALLED POSITION	Documented Experion PKS Series C I/O position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐
- Verify the CC-TAON01 or CC-TAON11 IOTA and loop polarity.
- ☐
- Restore each 4-20 mA range, load and channel configuration.
- ☐
- Review readback discrepancy, open-wire and module diagnostics.
- ☐
- Command controlled outputs on every assigned channel before release.

SOURCE IDENTIFIERS

Honeywell Series C I/O Specification EP03-490-520, Version 1.5 | Official Honeywell manufacturer publication