Apter Power CC-TAON01

Installation, Application and Verification Guide

A field-oriented guide for planning, installing and verifying the Honeywell CC-TAON01 non-redundant Series-C analog-output IOTA in its documented system context.

1. Product identity and application

Product role	Series-C analog-output IOTA
Configuration	Non-redundant termination assembly
Associated I/O module	CC-PAON01
Application context	Configured analog-output field loops

2. Pre-installation review

- Confirm CC-TAON01 and the complete spare-part marking on the physical assembly.
- Match the installed Series-C carrier, cabinet location and non-redundant arrangement.
- Confirm the companion CC-PAON01 module and the documented channel assignment.
- Review the cabinet drawing, loop sheet, field wiring, grounding and load information.
- Apply the required isolation, lockout and ESD controls before handling the IOTA.

Important	Use the exact installed-system documentation and the applicable Honeywell instructions. Do not transfer wiring, configuration or ratings from a similar model.

3. Installation and application workflow

1	Record the installed IOTA position, module pairing, channel use and field-wire identification.
2	Inspect carrier interfaces, terminal hardware and connectors for damage or contamination.
3	Mount CC-TAON01 on the specified carrier and secure the assembly using the approved procedure.
4	Reconnect each output loop to the documented terminal and restore shielding and grounding.
5	Restore the system in a controlled sequence and verify diagnostics, output response and alarms.

4. Commissioning and verification record

Check	Acceptance point	Record
Identity	CC-TAON01 marking and CC-PAON01 pairing agree with project records.	Pass / Review
Mechanical	Carrier engagement, terminal hardware and connectors are secure.	Pass / Review
Electrical	Field loops, returns, shielding and grounding match the approved drawing.	Pass / Review
Configuration	Channel assignment and safe-state settings match the control strategy.	Pass / Review
Functional	Output response, readback, diagnostics and process indication are accepted.	Pass / Review

Record equipment identity, technician, date, control-system status and any corrective action in the site maintenance system before closing the work order.

5. Product-specific precautions

1
Do not substitute a redundant IOTA or a similar model without an engineering compatibility review.

2
Do not energize the assembly while connectors or terminal hardware are unsecured.

3
Preserve the original channel and loop identification throughout replacement work.

4
Protect carrier contacts, terminal plugs and printed-circuit surfaces from ESD and contamination.

5
Verify polarity, grounding and field-load conditions before restoring output power.

6
Use the project configuration and cabinet drawings rather than copying another channel.

7
Commission affected loops one at a time where the operating procedure requires controlled testing.

8
Record final diagnostics, output checks and any changed wiring or configuration.

6. Official manufacturer sources

Honeywell Series-C I/O User's Guide	prod-edam.honeywell.com
Honeywell Experion Series-C I/O Specification	prod-edam.honeywell.com

Prepared by Apter Power for product identification, installation planning and verification. Always use the current project documentation and the applicable Honeywell instructions for the installed system.

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

One verified model, one engineered configuration path.

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

SCAN FOR PRODUCT & QUOTE

CC-TAON01