

CC-TDOB11

Digital Output IOTA

Honeywell CC-TDOB11 is a 32-channel bussed digital-output IOTA that routes Series C output commands and 24 Vdc field power to discrete loads.

PRODUCT SNAPSHOT

BRAND

Honeywell

FAMILY

Experion Series C I/O

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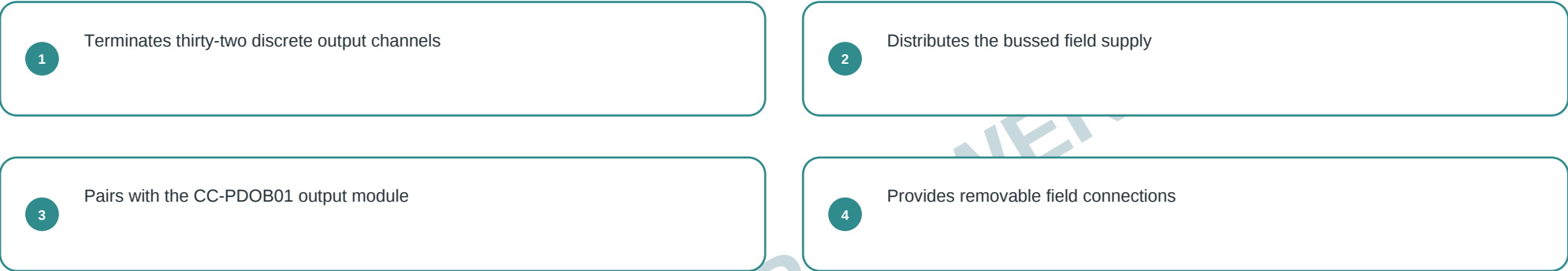
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PRODUCT OVERVIEW

Honeywell CC-TDOB11 is a 32-channel bussed digital-output IOTA that routes Series C output commands and 24 Vdc field power to discrete loads.



SYSTEM COMPONENTS



TECHNICAL DATA

PARAMETER	VALUE
Output channels	32
Output architecture	Bussed 24 Vdc
Companion module	CC-PDOB01

PARAMETER	VALUE
I/O type	Digital output
Module positions	Single

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TECHNICAL NOTE

Confirm the bussed 24 Vdc source, load polarity and channel fuse condition before inserting the companion output module.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Solenoid-valve manifolds

Terminates thirty-two discrete output channels

Motor-starter command panels

Distributes the bussed field supply

Package-unit permissive outputs

Pairs with the CC-PDOB01 output module

Alarm annunciator drives

Provides removable field connections

PRODUCT PRECAUTIONS

- 1 Verify the complete CC-TDOB11 marking and its assigned Experion Series C I/O position before work.
- 2 Isolate the applicable power and field energy before disconnecting CC-TDOB11.
- 3 Protect CC-TDOB11 connectors and electronic assemblies with approved ESD controls.
- 4 Record the installed wiring, channel assignment and configuration before replacement.
- 5 Match CC-PDOB01 Digital Output module and 24 Vdc field supply to the documented system arrangement.
- 6 Commission CC-TDOB11 with controlled status, signal and diagnostic checks.
- 7 Retain the final solenoid-valve manifolds functional-test result in the maintenance record.

ENGINEER FAQ

Q1 Does CC-TDOB11 match CC-PDOB01 Digital Output module in a Solenoid-valve manifolds installation?

Verify the complete CC-TDOB11 marking, the documented Experion Series C I/O position and the installed CC-PDOB01 Digital Output module before fitting the assembly.

Q2 How should CC-TDOB11 be wired when it must terminates thirty-two discrete output channels?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for CC-TDOB11; then continuity-test the affected path.

Q3 Which Experion Series C I/O records should be captured before removing CC-TDOB11?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with CC-TDOB11 before disconnection.

Q4 What controlled test confirms that CC-TDOB11 can distributes the bussed field supply?

Apply the approved field or simulated stimulus, observe the Experion Series C I/O indication and confirm the intended response without bypassing the normal interlocks.

Q5 Which 24 Vdc field supply condition should be checked when CC-TDOB11 reports an abnormal state?

Check the 24 Vdc field supply supply, seating and connection first, then compare channel diagnostics with the recorded CC-TDOB11 baseline.

Q6 Can CC-TDOB11 be moved directly into Motor-starter command panels without validating Protected field loads?

No. Confirm the Protected field loads, revision, connection scheme and Experion Series C I/O configuration before transferring CC-TDOB11 to that duty.

Q7 What maintenance evidence is required after CC-TDOB11 is used for Package-unit permissive outputs?

Retain the nameplate record, corrective action, final diagnostics and a controlled package-unit permissive outputs functional-test result for CC-TDOB11.

Q8 How should CC-TDOB11 be returned to service in Alarm annunciator drives?

Restore power under control, verify pairs with the cc-pdob01 output module, exercise the intended signal path and release CC-TDOB11 only after the Experion Series C I/O remains in its approved operating state.

SOURCE Honeywell Series C I/O Specification | EP03-490-520 V10

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