

INDUSTRIAL AUTOMATION PRODUCT

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Experion Series C I/O
Part number	51308373-175
Country	USA
HS code	8537101190

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CC-TDOB11

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Technical Specifications

Technical values below are limited to the named Honeywell product record.

PARAMETER	TECHNICAL VALUE
Output channels	32
Output architecture	Bussed 24 Vdc
Companion module	CC-PDOB01
I/O type	Digital output
Module positions	Single

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System Role and Architecture

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.

FUNCTION 1

Terminates thirty-two discrete output channels

FUNCTION 2

Distributes the bussed field supply

FUNCTION 3

Pairs with the CC-PDOB01 output module

FUNCTION 4

Provides removable field connections

Matched system components

- CC-PDOB01 Digital Output module
- 24 Vdc field supply
- Series C carrier
- Protected field loads

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Applications and Engineering Context

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

TECHNICAL NOTE

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

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Engineering 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.

MANUFACTURER SOURCE RECORD

Honeywell Series C I/O Specification

EP03-490-520 V10

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