

INDUSTRIAL AUTOMATION PRODUCT

8C-TDOD51

Thirty-Two-Channel Digital Output IOTA

Honeywell 8C-TDOD51 is a 32-channel Series 8 digital output IOTA. It terminates field wiring and connects digital loads to the matched output module.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Experion Series 8 I/O
Part number	8C-TDOD51
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

WHATSAPP / PHONE	+86 180 3023 5313
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8C-TDOD51

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Output channels	32
Signal type	Digital output
Module arrangement	Series 8 IOTA

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System Role and Architecture

Honeywell 8C-TDOD51 is a 32-channel Series 8 digital output IOTA. It terminates field wiring and connects digital loads to the matched output module.

FUNCTION 1

Terminates digital output field circuits

FUNCTION 2

Pairs with a Series 8 output module

FUNCTION 3

Routes field power and output commands

FUNCTION 4

Supports redundant output arrangements

Matched system components

- Series 8 digital output module
- Series 8 carrier
- Field power supply
- Protected discrete loads

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Applications and Engineering Context

Solenoid-valve manifolds

Terminates digital output field circuits

Motor-control command banks

Pairs with a Series 8 output module

Alarm annunciator outputs

Routes field power and output commands

Package-unit interlocks

Supports redundant output arrangements

TECHNICAL NOTE

Confirm the matched module, field-supply polarity and protected load bank before seating the module and testing each output.

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5 Engineering Precautions

- 1 Verify the complete 8C-TDOD51 marking and the assigned Experion Series 8 I/O position before field work.
- 2 Isolate the applicable power, network and field energy before disconnecting 8C-TDOD51.
- 3 Use ESD controls and protect the keyed connectors of 8C-TDOD51 during handling.
- 4 Record the installed wiring, jumpers, node or channel assignment before replacement.
- 5 Confirm Series 8 digital output module and Series 8 carrier against the approved system configuration.
- 6 Restore 8C-TDOD51 under controlled conditions and review the product-specific diagnostics.
- 7 Complete a functional test for solenoid-valve manifolds before production release.

MANUFACTURER SOURCE RECORD

Honeywell PlantCruise Series 8 I/O Specification

Series 8 controller and I/O table

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