

## 8C-TDOD51

### Thirty-Two-Channel Digital Output IOTA

CONTROLLED ENGINEERING COPY

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



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8C-TDOD51

## 01 PRE-INSTALLATION PLAN

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.

### MATCHED HARDWARE

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

## 02 WIRING & INTERFACE CHECKS

| CHECK ITEM         | REQUIRED VALUE |
|--------------------|----------------|
| Output channels    | 32             |
| Signal type        | Digital output |
| Module arrangement | Series 8 IOTA  |

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### FIELD NOTE

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

## 03 COMMISSIONING WORKFLOW

1

Confirm 8C-TDOD51 and part number 8C-TDOD51 against the installed record.

2

Verify the physical connection to Series 8 digital output module.

3

Apply the documented technical values for output channels.

4

Exercise the function: terminates digital output field circuits.

5

Run a controlled test for solenoid-valve manifolds.

6

Record the final state, diagnostics and operator acceptance before release.

## 04 RETURN-TO-SERVICE RECORD

- ☐
- Restore 8C-TDOD51 under controlled conditions and review the product-specific diagnostics.
- ☐
- Complete a functional test for solenoid-valve manifolds before production release.
- ☐
- Confirm the intended process response before normal operation.

### VERIFICATION RECORD

|                        |  |
|------------------------|--|
| TECHNICIAN             |  |
| DATE                   |  |
| CABINET / POSITION     |  |
| FINAL DIAGNOSTIC STATE |  |

### SOURCE IDENTIFIERS

Honeywell PlantCruise Series 8 I/O Specification  
Series 8 controller and I/O table

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