

51195096-200

EC-Compatible PLCI I/O Board

Honeywell 51195096-200 is an EC-compatible Programmable Logic Controller Interface I/O board. It provides the I/O-side hardware connection for a PLCI node in a five/ten-slot cardfile.

PRODUCT SNAPSHOT

BRAND

Honeywell

FAMILY

TDC 3000 Programmable Logic Controller Int

PART

51195096-200

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PRODUCT OVERVIEW

Honeywell 51195096-200 is an EC-compatible Programmable Logic Controller Interface I/O board. It provides the I/O-side hardware connection for a PLCI node in a five/ten-slot cardfile.

1

Provides the PLC interface I/O path

2

Supports EC-compatible shield grounding

3

Connects the PLCI node hardware

4

Fits a five/ten-slot cardfile

SYSTEM COMPONENTS

PLCI node electronics

Five/ten-slot cardfile

Interface cabling

EC shield grounding

TECHNICAL DATA

PARAMETER	VALUE
Board type	PLCI I/O
EC compatibility	Yes

PARAMETER	VALUE
Assembly	I/O board

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TECHNICAL NOTE

Reproduce the installed cable routing and EC grounding, then verify PLCI communications and I/O status before process control is resumed.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

PLC gateway maintenance

Provides the PLC interface I/O path

TDC 3000 PLC integration

Supports EC-compatible shield grounding

Legacy interface restoration

Connects the PLCI node hardware

PLCI cardfile service

Fits a five/ten-slot cardfile

PRODUCT PRECAUTIONS

- 1 Verify the complete 51195096-200 marking and the assigned TDC 3000 Programmable Logic Controller Interface position before field work.
- 2 Isolate the applicable power, network and field energy before disconnecting 51195096-200.
- 3 Use ESD controls and protect the keyed connectors of 51195096-200 during handling.
- 4 Record the installed wiring, jumpers, node or channel assignment before replacement.
- 5 Confirm PLCI node electronics and Five/ten-slot cardfile against the approved system configuration.
- 6 Restore 51195096-200 under controlled conditions and review the product-specific diagnostics.
- 7 Complete a functional test for plc gateway maintenance before production release.

ENGINEER FAQ

Q1 Which PLCI node electronics identity must be verified before fitting the 51195096-200 EC-Compatible PLCI I/O Board?

Match the complete 51195096-200 marking, assigned TDC 3000 Programmable Logic Controller Interface position and installed PLCI node electronics before work.

Q2 How should Five/ten-slot cardfile be isolated before disconnecting the 51195096-200 EC-Compatible PLCI I/O Board?

Place the affected process in its approved maintenance state, isolate applicable energy and prove Five/ten-slot cardfile safe before disconnection.

Q3 What as-found wiring record is required for the 51195096-200 EC-Compatible PLCI I/O Board in PLC gateway maintenance?

Record terminal identity, polarity, shields, jumpers, cable tags and the as-found diagnostic state for 51195096-200.

Q4 Which TDC 3000 Programmable Logic Controller Interface configuration must be checked when commissioning the 51195096-200 EC-Compatible PLCI I/O Board?

Verify the assigned channel, slot, node or interface and compare it with the approved TDC 3000 Programmable Logic Controller Interface configuration before enabling 51195096-200.

Q5 How can the 51195096-200 EC-Compatible PLCI I/O Board be function-tested for TDC 3000 PLC integration without disturbing the process?

Use a controlled stimulus or limited command, observe the expected system indication and confirm the intended response while normal interlocks remain effective.

Q6 Which diagnostics should be reviewed if the 51195096-200 EC-Compatible PLCI I/O Board stops performing its assigned system function?

Check seating, the matched PLCI node electronics, the condition of Five/ten-slot cardfile and the model-specific diagnostics before replacing more hardware.

Q7 Can the 51195096-200 EC-Compatible PLCI I/O Board used for Legacy interface restoration be transferred to another TDC 3000 Programmable Logic Controller Interface position without engineering review?

No. Confirm the hardware execution, connector scheme and approved TDC 3000 Programmable Logic Controller Interface configuration before transferring 51195096-200 to a different duty.

Q8 What evidence should be retained after the 51195096-200 EC-Compatible PLCI I/O Board returns to PLCI cardfile service service?

Retain the physical identification, as-left wiring or configuration, final diagnostics and controlled functional-test result for 51195096-200.

SOURCE Honeywell Five/Ten-Slot Module Service | Table 2-5

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