

38500143-200

Redundant 110 Vac LCNE Hub Assembly

Honeywell 38500143-200 is a redundant 110 Vac LCNE hub assembly. It supports duplicated Local Control Network extender paths in a TDC 3000 installation.

PRODUCT SNAPSHOT

BRAND

Honeywell

FAMILY

TDC 3000 LCN Extender

PART

38500143-200

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PRODUCT OVERVIEW

Honeywell 38500143-200 is a redundant 110 Vac LCNE hub assembly. It supports duplicated Local Control Network extender paths in a TDC 3000 installation.

1

Provides a redundant LCNE hub point

2

Supports duplicated extender paths

3

Distributes cabinet power to the hub assembly

4

Connects engineered LCN extension hardware

SYSTEM COMPONENTS

LCNE paddle boards

110 Vac hub supply

LCN A/B coax paths

Fiber-optic extender links

TECHNICAL DATA

PARAMETER	VALUE
Hub configuration	Redundant
Supply	110 Vac

PARAMETER	VALUE
Network family	LCNE

APTER POWER

TECHNICAL NOTE

Identify both redundant paths and isolate the cabinet feed before service, then verify A/B path continuity and node communication.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Redundant LCN extensions

Provides a redundant LCNE hub point

Remote node hub service

Supports duplicated extender paths

TDC 3000 network restoration

Distributes cabinet power to the hub assembly

LCNE failover testing

Connects engineered LCN extension hardware

PRODUCT PRECAUTIONS

- 1 Verify the complete 38500143-200 marking and the assigned TDC 3000 LCN Extender position before field work.
- 2 Isolate the applicable power, network and field energy before disconnecting 38500143-200.
- 3 Use ESD controls and protect the keyed connectors of 38500143-200 during handling.
- 4 Record the installed wiring, jumpers, node or channel assignment before replacement.
- 5 Confirm LCNE paddle boards and 110 Vac hub supply against the approved system configuration.
- 6 Restore 38500143-200 under controlled conditions and review the product-specific diagnostics.
- 7 Complete a functional test for redundant lcn extensions before production release.

ENGINEER FAQ

Q1 Which LCNE paddle boards identity must be verified before fitting the 38500143-200 Redundant 110 Vac LCNE Hub Assembly?

Match the complete 38500143-200 marking, assigned TDC 3000 LCN Extender position and installed LCNE paddle boards before work.

Q2 How should 110 Vac hub supply be isolated before disconnecting the 38500143-200 Redundant 110 Vac LCNE Hub Assembly?

Place the affected process in its approved maintenance state, isolate applicable energy and prove 110 Vac hub supply safe before disconnection.

Q3 What as-found wiring record is required for the 38500143-200 Redundant 110 Vac LCNE Hub Assembly in Redundant LCN extensions?

Record terminal identity, polarity, shields, jumpers, cable tags and the as-found diagnostic state for 38500143-200.

Q4 Which TDC 3000 LCN Extender configuration must be checked when commissioning the 38500143-200 Redundant 110 Vac LCNE Hub Assembly?

Verify the assigned channel, slot, node or interface and compare it with the approved TDC 3000 LCN Extender configuration before enabling 38500143-200.

Q5 How can the 38500143-200 Redundant 110 Vac LCNE Hub Assembly be function-tested for Remote node hub service 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 38500143-200 Redundant 110 Vac LCNE Hub Assembly stops performing its assigned system function?

Check seating, the matched LCNE paddle boards, the condition of 110 Vac hub supply and the model-specific diagnostics before replacing more hardware.

Q7 Can the 38500143-200 Redundant 110 Vac LCNE Hub Assembly used for TDC 3000 network restoration be transferred to another TDC 3000 LCN Extender position without engineering review?

No. Confirm the hardware execution, connector scheme and approved TDC 3000 LCN Extender configuration before transferring 38500143-200 to a different duty.

Q8 What evidence should be retained after the 38500143-200 Redundant 110 Vac LCNE Hub Assembly returns to LCNE failover testing service?

Retain the physical identification, as-left wiring or configuration, final diagnostics and controlled functional-test result for 38500143-200.

SOURCE Honeywell LCNE service parts record | LCNE hub assembly list

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