

INDUSTRIAL AUTOMATION PRODUCT

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	TDC 3000 LCN Extender
Part number	38500143-200
Country	USA
HS code	8537101190

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Hub configuration	Redundant
Supply	110 Vac
Network family	LCNE

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System Role and Architecture

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

FUNCTION 1

Provides a redundant LCNE hub point

FUNCTION 2

Supports duplicated extender paths

FUNCTION 3

Distributes cabinet power to the hub assembly

FUNCTION 4

Connects engineered LCN extension hardware

Matched system components

- LCNE paddle boards
- 110 Vac hub supply
- LCN A/B coax paths
- Fiber-optic extender links

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Applications and Engineering Context

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

TECHNICAL NOTE

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

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Engineering 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.

MANUFACTURER SOURCE RECORD

Honeywell LCNE service parts record

LCNE hub assembly list

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