51402573-150

UCN Interface Module

Honeywell 51402573-150 is a Universal Control Network interface module for a High-Performance Process Manager node.

PRODUCT SNAPSHOT

BRAND Honeywell	FAMILY High-Performance Process Manager
PART 51402573-150	PRODUCT TYPE UCN Interface Module

APTER POWER SALES TEAM

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PRODUCT OVERVIEW

Honeywell 51402573-150 is a Universal Control Network interface module for a High-Performance Process Manager node.

1. Interfaces an HPM node to the Universal Control Network.
2. Maintains the controller-side UCN communication stage.
3. Retains exact part identity for HPM card-file service.
4. Supports controlled restoration of node communication.

SYSTEM COMPONENTS

- HPM node card file
- Universal Control Network
- Documented node cabling
- HPM configuration and diagnostics

TECHNICAL NOTE

Only exact part identity and HPM UCN function are asserted. Board-level electrical and revision details remain unspecified without exact controlled documentation.

TECHNICAL DATA

PARAMETER	VALUE
Part number	51402573-150
Module function	UCN interface
System family	HPM

PARAMETER	VALUE
Network	Universal Control Network
Service class	Controller network interface

ENGINEERING NOTE

Only exact part identity and HPM UCN function are asserted. Board-level electrical and revision details remain unspecified without exact controlled documentation.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Honeywell MC-TDOR62	TPS relay-output termination	**View Honeywell MC-TDOR62 page**
Honeywell MC-TPIX12 51304084-175	TPS pulse-input termination	**View Honeywell MC-TPIX12 51304084-175 page**
Honeywell MC-TSIM12 51303932-476	TPS serial-interface termination	**View Honeywell MC-TSIM12 51303932-476 page**
Honeywell MC-TAOY25 51305865-275	TPS analog-output termination	**View Honeywell MC-TAOY25 51305865-275 page**
Honeywell DC-TFB412	Series C redundant FIM IOTA	**View Honeywell DC-TFB412 page**
Honeywell MC-IOLX02	TPS remote I/O link extender	**View Honeywell MC-IOLX02 page**
Honeywell 10002/1/2	FSC control and I/O module	**View Honeywell 10002/1/2 page**
Honeywell 10014/F/F	FSC communication module	**View Honeywell 10014/F/F page**

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

HPM UCN node communication

Interfaces an HPM node to the Universal Control Network.

TPS controller network service

Maintains the controller-side UCN communication stage.

Legacy process-control restoration

Retains exact part identity for HPM card-file service.

UCN interface spare management

Supports controlled restoration of node communication.

PRODUCT PRECAUTIONS

1. Confirm part number 51402573-150 in the HPM node.
2. Record UCN cable identity and node position.
3. Capture communication diagnostics before isolation.
4. Back up the applicable HPM configuration.
5. Use ESD controls on the interface board and connectors.
6. Do not borrow data from a nearby UCN interface revision.
7. Restore network communication under the HPM service procedure.
8. Retain node, network and diagnostic acceptance evidence.

ENGINEER FAQ

Q1 What network function is associated with Honeywell 51402573-150?

It is the HPM Universal Control Network interface stage.

Q2 Which controller family uses Honeywell 51402573-150?

The part belongs to the High-Performance Process Manager family.

Q3 What network must be identified before servicing Honeywell 51402573-150?

Identify the exact Universal Control Network path and HPM node assignment.

Q4 Can electrical limits from another UCN board be applied to Honeywell 51402573-150?

No. Use only controlled documentation for this exact part and revision.

Q5 What should be backed up before removing Honeywell 51402573-150?

Back up the HPM configuration and record network diagnostics and node state.

Q6 Which physical information should be captured for Honeywell 51402573-150?

Record card-file position, connector identity and both UCN cable destinations.

Q7 What should be checked after installing Honeywell 51402573-150?

Check board seating, restored UCN communication and node diagnostic status.

Q8 What completes acceptance of Honeywell 51402573-150?

Witness stable HPM-to-UCN communication and archive the clean node diagnostic record.

SOURCE Honeywell HPM service documentation | HPM UCN interface family

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