

INDUSTRIAL AUTOMATION PRODUCT

51402497-200

Enhanced Operator Keyboard

Honeywell 51402497-200 is an enhanced operator keyboard for a TDC 3000 Universal Station. It supplies the dedicated process-control keys used through the OEP/IKB interface.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	TDC 3000 Universal Station
Part number	51402497-200
Country	USA
HS code	8537101190

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51402497-200

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Device type	Operator keyboard
Interface family	OEP/IKB
Assembly	Enhanced

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System Role and Architecture

Honeywell 51402497-200 is an enhanced operator keyboard for a TDC 3000 Universal Station. It supplies the dedicated process-control keys used through the OEP/IKB interface.

FUNCTION 1

Provides dedicated operator control keys

FUNCTION 2

Connects through the OEP/IKB interface

FUNCTION 3

Supports Universal Station operations

FUNCTION 4

Transfers key events to the operator node

Matched system components

- OEP/IKB interface module
- Universal Station
- Keyboard cable
- Operator-node configuration

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Applications and Engineering Context

Operator console restoration

Provides dedicated operator control keys

Alarm and display navigation

Connects through the OEP/IKB interface

TDC 3000 keyboard replacement

Supports Universal Station operations

Universal Station maintenance

Transfers key events to the operator node

TECHNICAL NOTE

Power down the applicable keyboard interface, protect the connector and test every dedicated operator key after reconnection.

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Engineering Precautions

1

Verify the complete 51402497-200 marking and the assigned TDC 3000 Universal Station position before field work.

2

Isolate the applicable power, network and field energy before disconnecting 51402497-200.

3

Use ESD controls and protect the keyed connectors of 51402497-200 during handling.

4

Record the installed wiring, jumpers, node or channel assignment before replacement.

5

Confirm OEP/IKB interface module and Universal Station against the approved system configuration.

6

Restore 51402497-200 under controlled conditions and review the product-specific diagnostics.

7

Complete a functional test for operator console restoration before production release.

MANUFACTURER SOURCE RECORD

Honeywell OEP/IKB Device Adapters Installation Instructions

Enhanced operator keyboard assembly

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