

INDUSTRIAL AUTOMATION PRODUCT

51304584-100

EPDGP I/O Assembly with Keyboard Power

Honeywell 51304584-100 is an EPDGP I/O assembly for a classic Universal Station with keyboard power. It interfaces the display-generator board to the operator keyboard, pointing device and peripheral connections.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	TDC 3000 Universal Station
Part number	51304584-100
Country	USA
HS code	8537101190

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51304584-100

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Board type	EPDGP I/O
Station furniture	Classic
Keyboard power supply	Present

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System Role and Architecture

Honeywell 51304584-100 is an EPDGP I/O assembly for a classic Universal Station with keyboard power. It interfaces the display-generator board to the operator keyboard, pointing device and peripheral connections.

FUNCTION 1

Interfaces the enhanced peripheral display generator

FUNCTION 2

Distributes keyboard power in classic furniture

FUNCTION 3

Connects display and pointing-device cabling

FUNCTION 4

Supports Universal Station operator hardware

Matched system components

- EPDGP display generator
- Engineer or supervisor keyboard
- CRT adapter cable
- Mouse or trackball connection

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Applications and Engineering Context

Classic Universal Station repair

Interfaces the enhanced peripheral display generator

Operator keyboard restoration

Distributes keyboard power in classic furniture

CRT interface maintenance

Connects display and pointing-device cabling

Display-generator I/O service

Supports Universal Station operator hardware

TECHNICAL NOTE

Label every peripheral connector before removal and restore the documented default background pinning, keyboard power and pointing-device connection.

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Engineering Precautions

1

Verify the complete 51304584-100 marking and the assigned TDC 3000 Universal Station position before field work.

2

Isolate the applicable power, network and field energy before disconnecting 51304584-100.

3

Use ESD controls and protect the keyed connectors of 51304584-100 during handling.

4

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

5

Confirm EPDGP display generator and Engineer or supervisor keyboard against the approved system configuration.

6

Restore 51304584-100 under controlled conditions and review the product-specific diagnostics.

7

Complete a functional test for classic universal station repair before production release.

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MANUFACTURER SOURCE RECORD

Honeywell Five/Ten-Slot Module Service

Figure 2-6

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