Honeywell 51196654-100

10-Slot Power Supply / Product dashboard

This consolidated record keeps Honeywell 51196654-100 identity, technical limits, applications, precautions and acceptance evidence on one review surface.

IDENTITY

Honeywell 51196654-100

PRODUCT ROLE

10-Slot Power Supply

PLATFORM

TDC 3000 10-Slot Node Hardware

CONTROL BASIS

Exact evidence plus installed-system record

Exact part	51196654-100
Hardware class	Enhanced PFC power supply
Node application	10-slot
Console application	Classic console and Micro
Peripheral power	J8, J9 and J10 edge connections
Connector feature	Wider enhanced edge connector

The dashboard places 51196654-100 identity, operating role and maintenance boundaries in one review surface for the TDC 3000 10-Slot Node Hardware installation.

Dashboard boundary

This overview supports identification and maintenance planning; it does not declare compatibility with a neighboring model or approve a redesign.

Honeywell 51196654-100

10-Slot Power Supply / Technical matrix

Exact part	51196654-100
Hardware class	Enhanced PFC power supply
Node application	10-slot
Console application	Classic console and Micro
Peripheral power	J8, J9 and J10 edge connections
Connector feature	Wider enhanced edge connector
Earlier supply	51400712-200
Modified service kits	51201436-300 or 51201436-400 as applicable
Field modification	Not permitted
Commissioning basis	Chassis fit, AC input and rail verification

DATA USE

Values support exact-model identification and configuration review.

LIMIT CONTROL

Electrical, software and loading limits remain subject to the installed design.

RECORD SOURCE

Honeywell Experion PKS / TDC 3000 Customer Resource Manual

REVISION NOTE

TAB PD 15 A07(B), 14 May 2014

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10-Slot Power Supply / Application architecture

10-slot classic console

Restores the enhanced node supply using the approved power cable.

Micro TDC 3000 node

Provides the documented 10-slot enhanced supply arrangement.

Peripheral-powered node

Carries the added peripheral-power traces on the edge connector.

Older chassis service

Uses an approved pre-modified kit when the chassis cannot accept the wider connector.

Input to decision	Exact label plus manufacturer evidence
Installed context	Rack, terminal, network, project and connected process
Change control	Approved scope and retained configuration baseline
Proof	Diagnostic state plus witnessed functional result

Within the TDC 3000 10-Slot Node Hardware context, 51196654-100 must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

Honeywell 51196654-100

10-Slot Power Supply / Risk and decision register

PRIMARY RISK

A mismatch between the 51196654-100 label and the installed 10-slot power supply record.

CONFIGURATION RISK

Loss of the 51196654-100 project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another TDC 3000 10-Slot Node Hardware item as automatically equivalent to 51196654-100.

RELEASE RISK

Returning 51196654-100 to control before diagnostics and functional response are witnessed.

Decision register

51196654-100: which node size is documented?

Honeywell lists 51196654-100 for 10-slot node applications.

51196654-100: which earlier supply does it replace?

The resource-manual note identifies 51196654-100 as the replacement for 51400712-200.

51196654-100: what must be checked before removal?

Record chassis type, AC rating, power cable, node loading and the installed connector arrangement.

51196654-100: what is inspected before energization?

Check connector fit, cable identity, protective earth, supply seating and the absence of damaged edge contacts.

51196654-100: what changed on the enhanced power-supply edge connector?

The enhanced supply has a wider edge connector with additional traces for peripheral power at J8, J9 and J10.

51196654-100: can an incompatible connector be modified in the field?

No. Honeywell states that these supplies are not to be modified in the field; use the approved modified replacement kit.

51196654-100: which applications use the supply?

The service table lists 10-slot classic-console and Micro configurations with their approved cable arrangements.

51196654-100: what completes commissioning?

Verify all required dc rails, peripheral power, node start-up diagnostics and the restored process interface.

Decision closeout

Approve the 51196654-100 decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

Honeywell 51196654-100

10-Slot Power Supply / Canonical record and support

Canonical identity	Honeywell 51196654-100
Product name	10-Slot Power Supply
Family	TDC 3000 10-Slot Node Hardware
Selection boundary	Exact identity; no neighboring-model inference
Release boundary	Installed record plus witnessed functional proof

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

Honeywell MC-IOLX02 Remote I/O Link Extender Pair	View Honeywell MC-IOLX02 Remote I/O Link Extender Pair page
Honeywell 10102/2/1 Four-Channel Safe Analog Input Module	View Honeywell 10102/2/1 Four-Channel Safe Analog Input Module page

MANUFACTURER EVIDENCE RECORD

Honeywell Experion PKS / TDC 3000 Customer Resource Manual

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Send the exact model, quantity, destination and requested condition for a quotation.