Honeywell 51401497-100

Installation & Commissioning Guide

01 Job scope and safe-work boundary

Service exchange in a Honeywell Dual Node LCN chassis using the installed supply and connector identity.

Offered reference	Honeywell 51401497-100
Installed platform	TDC 3000 / LCN Dual Node chassis
Work purpose	Identify, fit, configure and verify the complete offered item
Evidence basis	Honeywell EPLCG Planning, Installation, and Service; Honeywell PFC Power Supply Kits, PD 15 A07 (C)

Before isolation

Identify	Acceptance before work
Dual Node chassis	Record the chassis reference and whether the installed assembly is the older non-CE execution.
Supply marking	Compare the complete 51401497-100 marking with the item on the work order.
AC connector	Identify the original 8-pin Beau Vernitron interface before selecting a replacement path.

02 Pre-installation readiness

Check	Decision criterion
Input and cable	Record the installed 120 V or 240 V cable arrangement and its connector.
Upgrade contents	Check the 51402184-100 kit contents when that replacement path is selected.
Isolation boundary	Identify the chassis power feed and site electrical isolation point.

System interface record

Original AC connector context	8-pin Beau Vernitron style
Documented replacement	51402184-100 Dual Node power supply upgrade kit
Replacement supply path	51196802-100, later superseded by 51402184-100
Power cable selection	Depends on installed 120/240 V and chassis cabling configuration

Go / no-go decision

The replacement mapping applies to older non-CE Dual Node chassis. Connector and cable configuration are installation-specific; it does not establish a universal direct interchange.

03 Installation or replacement sequence

Stage	Field action	Hold point
01 Record	Photograph the installed supply, chassis, cable and connector before removal.	Keep the complete reference with the work record.
02 Isolate	Remove chassis power under the site procedure.	Confirm the supply is de-energized.
03 Compare	Match the offered supply or upgrade kit to the recorded connector and cable arrangement.	Resolve any 8-pin versus 3-pin difference before fitting.
04 Fit	Install the selected supply and the cable supplied for that chassis arrangement.	Use only the documented mechanical and electrical arrangement.
05 Restore	Re-energize the Dual Node chassis in the approved sequence.	Check for normal chassis and module indications.
06 Record	Retain the installed model, kit reference and cable selection.	Make the service path traceable for future maintenance.

04 Commissioning and acceptance

Test	Acceptable observation	If not
Connector match	The fitted cable and supply connector match the selected chassis arrangement.	Stop and review the Honeywell upgrade table.
Supply state	The chassis powers without an abnormal supply indication.	Recheck feed, cable and supply placement.
Module status	Dual Node modules show the expected operating status.	Follow chassis diagnostics before release.
Service identity	The installed reference and any 51402184-100 kit are recorded.	Update the maintenance record.
Quotation scope	The supplied cable and hardware agree with the offer.	Reconcile missing kit items before acceptance.

Record the completed configuration

Keep the complete offered marking, installed system identity, settings and observed checks with the maintenance record.

Discuss the complete reference

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sales13@apterpower.com | +86 18030235313

05 Fault response and handover

Observation	Review path
Power connector differs	Check the original 8-pin arrangement against the selected upgrade kit and cable.
Chassis remains unpowered	Review isolated feed, cable seating and the documented supply path.
Module indication abnormal	Use the Dual Node chassis diagnostic procedure after the supply check.
Unknown cable variant	Record the 120/240 V arrangement and obtain the matching Honeywell kit cable.

Handover boundary

Confirm the power-supply unit, mounting hardware, cable and upgrade-kit contents in the quotation.

Related catalog references

Portfolio navigation only. Verify every proposed configuration separately.

- **Honeywell 51305072-400**
- **Honeywell 51401946-100**
- **Honeywell 51304386-150 MC-PPIX02**