Honeywell 51401594-200

KJMP Load Board / Exact identity and technical profile

This reference isolates the exact published characteristics and engineering boundary of Honeywell 51401594-200 without borrowing values from a neighboring model.

Exact part	51401594-200
Board name	KJMP
Primary function	Power-supply load application
Host hardware	LCNE or LCNE2
Module type	Dual Node Module
Loading element	On-board power resistors

TECHNICAL MARKER

KJMP board

TECHNICAL MARKER

Power-supply loading resistors

TECHNICAL MARKER

LCNE / LCNE2 host node

TECHNICAL MARKER

Dual Node Module hardware

Technical boundary

The exact model and its published data govern this reference. Similar family names, suffixes or physical appearance do not establish the same electrical or software behavior.

Identity evidence	Read 51401594-200 from the installed label and procurement record
Function evidence	Confirm the published kjmp load board role in the TDC 3000 Dual Node Module system
Configuration evidence	Retain the project, mapping, range, address or interface assigned to this position
Release evidence	Link final diagnostics to a witnessed field or operator response

TECHNICAL DECISION

Accept 51401594-200 only when its identifier and installed-system role agree.

CHANGE BOUNDARY

Any redesign beyond the documented 51401594-200 position requires separate engineering approval.

Honeywell 51401594-200

KJMP Load Board / Published characteristics

This matrix groups the published 51401594-200 characteristics that control identification, configuration and engineering review. Each entry remains tied to the exact kjmp load board record.

Exact part	51401594-200
Board name	KJMP
Primary function	Power-supply load application
Host hardware	LCNE or LCNE2
Module type	Dual Node Module
Loading element	On-board power resistors
Cable-path practice	Separate LCNE/LCNE2 paths by power supply
Restricted position	Do not place CS/R in I/O Slot 1
Maintenance level	ORU spare part
Commissioning basis	Power and LCN link verification

INTERPRETATION

Use every 51401594-200 value with the exact installed configuration.

DESIGN RECORD

Retain the drawing, project and channel or interface assignments that make 51401594-200 data actionable.

Nameplate check	Manufacturer and full reference agree with the controlled record
Range check	Published operating or signal data agree with the configured use
Interface check	Backplane, terminal, cable, network or memory arrangement is documented
Limit check	Loading, channel count, supply or lifecycle constraint is reviewed
Evidence close	Source title and applicable product record are retained with the decision

NO BORROWED VALUES

Another Honeywell suffix cannot fill a missing 51401594-200 parameter.

ENGINEERING OUTPUT

Record the exact value used, its purpose and any unresolved item before selection.

Honeywell 51401594-200

KJMP Load Board / System role and data flow

LCNE host node

Maintains the documented power-supply load in a fiber-link node.

LCNE2 host node

Supports the later LCNE2 arrangement under the same loading rule.

Dual-path fiber link

Keeps Cable A and Cable B host arrangements from sharing one failure point.

Legacy node service

Restores the exact KJMP load-board position during maintenance.

Signal and configuration path

Field layer	Sensors, loads, terminal or operator interface assigned by the design
Module layer	51401594-200 performs its published kjmp load board role
Control layer	PLC project, address map or runtime application interprets the exchanged data
Acceptance layer	Diagnostics and intended process response are witnessed together

Engineering boundary

Application examples describe system roles only. They do not establish automatic interchangeability, replacement approval or suffix equivalence.

Observed input	Field, network or operator condition presented to 51401594-200
Published action	The documented kjmp load board function processes that condition
Configured interpretation	PLC logic, HMI project or station mapping assigns system meaning
Expected output	A defined state, value, message or command is produced
Acceptance proof	The complete path is witnessed under controlled conditions

APPLICATION RECORD

Tie each 51401594-200 use case to the installed drawing or project tag.

EXCEPTION CONTROL

Document and resolve any behavior that differs from the approved response.

Honeywell 51401594-200

KJMP Load Board / Engineering decisions

SUPPORTED IDENTITY

51401594-200

PUBLISHED FUNCTION

KJMP Load Board

SYSTEM CONTEXT

TDC 3000 Dual Node Module

UNSUPPORTED INFERENCE

A nearby model, suffix or family resemblance

Model-specific questions

51401594-200: what board function does Honeywell assign?

Honeywell identifies 51401594-200 as the KJMP board for a power-supply load application.

51401594-200: where is it used?

It is used in a Dual Node Module node that hosts LCNE or LCNE2 fiber-optic link hardware.

51401594-200: what must be recorded before removal?

Record the node half, slot, LCNE/LCNE2 type, LCN cable path and power-supply arrangement.

51401594-200: what is inspected before restoring power?

Check board identity, slot, connector seating, load-board resistors, host-link hardware and cable-path labeling.

51401594-200: why is a load board required in an LCNE host node?

LCNE or LCNE2 boards alone may not load the power supply enough for it to operate within specification.

51401594-200: which slot warning applies?

Do not place a CS/R board in I/O Slot 1 of the LCNE/LCNE2 host arrangement.

51401594-200: how should redundant fiber-link paths be arranged?

Use separate power supplies for the two link paths so one supply failure does not remove both Cable A and Cable B.

51401594-200: what completes acceptance?

Confirm stable node power, healthy LCNE/LCNE2 communication and the intended LCN path redundancy.

Decision closeout

Close the 51401594-200 technical review with the exact identifier, applicable published limits and the installed configuration assumptions explicitly recorded.

Question coverage	Identity, function, configuration and field handling addressed
Open item	Any unanswered exact-model point is listed without guessed data
Decision owner	Responsible engineering or maintenance role identified
Supporting record	Drawing, project revision, readings and witnessed result attached

APPROVAL

The 51401594-200 decision is accepted only within the documented scope.

REVIEW TRIGGER

A different suffix, wiring arrangement, project or application requires a new review.

Honeywell 51401594-200

KJMP Load Board / Evidence and support

Exact product	Honeywell 51401594-200
Technical class	KJMP Load Board
Platform	TDC 3000 Dual Node Module
Evidence use	Exact-model characteristics and engineering boundary
Record with	Installed drawing, project and acceptance evidence

Retained evidence	Nameplate, source title, configuration baseline and field record
Installation evidence	Isolation, conductor/connector record and post-work inspection
Commissioning evidence	Diagnostics, measurements and intended response
Final record	Responsible witness, date, exceptions and approved disposition

VERIFIED APTER POWER CATALOG REFERENCES

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

Honeywell TK-HAO081 Eight-Point Coated HART Analog Output Module	View Honeywell TK-HAO081 Eight-Point Coated HART Analog Output Module page
Honeywell 05704-A-0123 System 57 Fire Relay Interface Assembly	View Honeywell 05704-A-0123 System 57 Fire Relay Interface Assembly page

MANUFACTURER EVIDENCE RECORD

Honeywell Dual Node Module Service Manual

LC13-510, September 1995

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

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