TECHNICAL REFERENCE / EXACT-MODEL DOSSIER

WESTINGHOUSE 3A99132G01

PCPS Power Supply Card

WESTINGHOUSE 3A99132G01 is a PCPS power-supply circuit card for legacy Westinghouse control-system hardware.

IDENTITY AND FUNCTION SNAPSHOT	
H1 PCPS power-supply card	**H2** Legacy controller hardware
H3 Removable circuit-board form	**H4** Exact G01 spare identity

Installed-system position

1	Cabinet power input
2	3A99132G01 PCPS
3	Controller power distribution
4	Dependent control hardware

Exact-model release boundary

Identity Keep WESTINGHOUSE 3A99132G01 complete in drawings, labels and acceptance records.	**Evidence** Use only the exact-model and explicitly applicable family facts documented here.
Configuration Record cables, jumpers, settings and the installed functional position before work.	**Acceptance** Prove the affected control path before returning the equipment to service.

02 / SYSTEM ROLE AND INTERFACES

Architecture, interfaces and service boundaries

For legacy cabinet maintenance, WESTINGHOUSE 3A99132G01 is treated as a power card whose verified interface is the installed assembly itself. Ratings remain governed by the unit label and site-controlled drawings.

CONTROL PATH	
1	Cabinet power input
2	3A99132G01 PCPS

3	Controller power distribution
4	Dependent control hardware

Interface architecture

Input boundary	Connects to the installed cabinet source path
Card boundary	Provides the PCPS power function
Connector boundary	Seats in the designated legacy controller position
Load boundary	Supports the connected control hardware

Interface acceptance checks

1

De-energize the cabinet and prove the power path safe before handling WESTINGHOUSE 3A99132G01.

2

Match the complete 3A99132G01 identity and PCPS designation.

3

Photograph the board orientation, connectors and retention arrangement before removal.

4

Do not import voltage or power ratings from another Westinghouse power card.

Engineering rule

A nearby WESTINGHOUSE family code does not establish interchangeability with 3A99132G01; use the physical nameplate and controlled site records.

ENGINEERING SUMMARY / MODEL-SPECIFIC CHECKPOINTS

- Input boundary: Connects to the installed cabinet source path
- Card boundary: Provides the PCPS power function
- Connector boundary: Seats in the designated legacy controller position
- Load boundary: Supports the connected control hardware

03 / VERIFIED TECHNICAL DATA

Engineering matrix and component map

Every populated row is a technical value supported by the reviewed exact-model record or an explicitly applicable WESTINGHOUSE family source.

Product type	Power-supply circuit card
Board family	PCPS
Hardware context	Legacy Westinghouse control system
Part number	3A99132G01

CHANGE CONTROL

Record Capture the full model, revision, slot, connectors and as-found condition.	**Compare** Match every populated technical row to the replacement and project record.
Protect Apply controlled isolation, stored-energy and ESD practices.	**Prove** Complete the product-specific functional and safe-state checks.

Source applicability

Evidence record	Applicable scope
Exact-model Westinghouse parts records: 3A99132G01 PCPS power-supply card	Supports only the exact-model or explicitly applicable family facts used in this document.

04 / SERVICE LOGIC AND ACCEPTANCE

Fault isolation and controlled return

1	Capture the fault, indicators and surrounding-system state
2	Verify exact identity, power boundary, cabling and installed position
3	Test WESTINGHOUSE 3A99132G01 against the approved service procedure
4	Correct the isolated cause and restore the recorded configuration
5	Commission the affected path and archive measured evidence

Eight product-specific precautions

1 De-energize the cabinet and prove the power path safe before handling WESTINGHOUSE 3A99132G01.	**2** Match the complete 3A99132G01 identity and PCPS designation.
3 Photograph the board orientation, connectors and retention arrangement before removal.	**4** Do not import voltage or power ratings from another Westinghouse power card.
5 Inspect edge contacts, plug housings, guides and board components for damage.	**6** Restore cabinet grounding and cable routing before applying power.
7 Use the site-approved test points during controlled energization.	**8** Release the card only after stable power indications and dependent hardware operation are confirmed.

05 / ENGINEERING FAQ AND SUPPORT

Model-specific engineering decisions

Engineering decision	Controlled response
Which function is assigned to WESTINGHOUSE 3A99132G01?	It is a PCPS power-supply circuit card for legacy Westinghouse control hardware.
What board family identifies WESTINGHOUSE 3A99132G01?	The exact model is identified as a PCPS power-supply card.
Why is the G01 suffix important for WESTINGHOUSE 3A99132G01?	It completes the board identity required for controlled spare matching.
What should be documented before disconnecting WESTINGHOUSE 3A99132G01?	Document the cabinet position, orientation, connector labels, grounding and active power indications.
How should WESTINGHOUSE 3A99132G01 connectors be evaluated?	Inspect edge contacts and mating plugs for heat damage, corrosion, contamination and weak retention.
Can unverified electrical values be used for WESTINGHOUSE 3A99132G01?	No. Use only the installed-unit label and the controlled drawings for that exact card.
Which startup method applies after fitting WESTINGHOUSE 3A99132G01?	Use the approved staged energization procedure and monitor the PCPS and dependent controller indications.
What confirms WESTINGHOUSE 3A99132G01 commissioning?	Stable power at the approved test points and normal operation of dependent control hardware confirm commissioning.

Related Apter Power references

Related Apter Power references	Scope note
WESTINGHOUSE 5X00300G01	Portfolio reference only; verify compatibility independently.
WESTINGHOUSE 5X00419G01	Portfolio reference only; verify compatibility independently.

WESTINGHOUSE 5X00481G04	Portfolio reference only; verify compatibility independently.

	Apter Power technical support sales13@apterpower.com +86 180 3023 5313 www.apterpower.com	Model record WESTINGHOUSE 3A99132G01 PCPS Power Supply Card Verify the complete nameplate before installation.

MODEL-SPECIFIC ACCEPTANCE MAP

1. Cabinet power input
2. 3A99132G01 PCPS
3. Controller power distribution
4. Dependent control hardware

VERIFIED DATA

- Product type: Power-supply circuit card
- Board family: PCPS
- Hardware context: Legacy Westinghouse control system
- Part number: 3A99132G01

INTERFACE CHECKS

- Input boundary: Connects to the installed cabinet source path
- Card boundary: Provides the PCPS power function
- Connector boundary: Seats in the designated legacy controller position
- Load boundary: Supports the connected control hardware

RELEASE CHECKLIST

1. De-energize the cabinet and prove the power path safe before handling WESTINGHOUSE 3A99132G01.
2. Match the complete 3A99132G01 identity and PCPS designation.
3. Photograph the board orientation, connectors and retention arrangement before removal.
4. Do not import voltage or power ratings from another Westinghouse power card.
5. Inspect edge contacts, plug housings, guides and board components for damage.
6. Restore cabinet grounding and cable routing before applying power.
7. Use the site-approved test points during controlled energization.
8. Release the card only after stable power indications and dependent hardware operation are confirmed.