

INDUSTRIAL AUTOMATION PRODUCT

SPS5785-51198651-100

HPM Power Supply, Version 3

Honeywell SPS5785-51198651-100 is the current Version 3 HPM power-supply replacement identified by manufacturer part number 51198651-100. It restores the documented supply position in an installed HPM cabinet.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Honeywell High Performance Process Manager
Part number	SPS5785-51198651-100
Product role	Provides the current Version 3 HPM supply replacement
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Match SPS5785-51198651-100 to the installed HPM cabinet and record supply position, input conductors, output connection and protective grounding before removal. Isolate the cabinet, replace one supply position at a time where redundancy is installed, then verify HPM power and system diagnostics before process release.

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SPS5785-51198651-100

Technical Specifications

Technical values below are limited to the named Honeywell product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Manufacturer part number	51198651-100	System role	HPM power supply
Documented generation	Version 3	Replacement status	Current replacement for earlier HPM power supplies

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	Honeywell High Performance Process Manager
Primary system role	Provides the current Version 3 HPM supply replacement
Connection boundary	Match SPS5785-51198651-100 to the installed HPM cabinet and record supply position, input conductors, output connection and protective grounding before removal. Isolate the cabinet, replace one supply position at a time where redundancy is installed, then verify HPM power and system diagnostics before process release.
Controlled acceptance duty	HPM cabinet power restoration

ENGINEERING BOUNDARY

Confirm SPS5785-51198651-100, part number 51198651-100, HPM cabinet execution, supply generation, installed redundancy, input and output wiring, protective grounding, cooling, controller state and controlled power-up diagnostics before commissioning.

Pre-Installation Checks

1	Confirm SPS5785-51198651-100 and manufacturer part number 51198651-100 on the supplied unit.	2	Place the HPM and associated process functions in the approved maintenance state.
3	Isolate incoming power and prove the affected supply position de-energized.	4	Record all input, output, alarm and protective-earth connections before removal.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	SPS5785-51198651-100
Installed host	Honeywell High Performance Process Manager
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

Honeywell SPS5785-51198651-100 is the current Version 3 HPM power-supply replacement identified by manufacturer part number 51198651-100. It restores the documented supply position in an installed HPM cabinet.

FUNCTION 1

Provides the current Version 3 HPM supply replacement

FUNCTION 2

Uses Honeywell part number 51198651-100 for identity control

FUNCTION 3

Replaces documented earlier HPM power-supply generations

FUNCTION 4

Restores the installed cabinet power-supply position

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	Honeywell High Performance Process Manager
2	Version 3
3	HPM cabinet power restoration
4	Match SPS5785-51198651-100 to the installed HPM cabinet and record supply position, input conductors, output connection and protective grounding before removal. Isolate the cabinet, replace one supply position at a time where redundancy is installed, then verify HPM power and system diagnostics before process release.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Honeywell High Performance Process Manager
Interface role	Provides the current Version 3 HPM supply replacement
Field / power context	The supply is fitted in the documented HPM cabinet position and must be matched to the existing power architecture. Commissioning preserves cabinet wiring and grounding and confirms stable HPM operation after controlled energization.
Commissioning evidence	Verify stable system operation and controlled process response before release.

Installation and Connection Checks

- 1

Inspect cabinet connector, mounting hardware, airflow path and adjacent supply condition.
- 2

Install only in the documented HPM supply position and restore the recorded wiring.
- 3

Energize under control and review supply, HPM controller and cabinet diagnostics.
- 4

Verify stable system operation and controlled process response before release.

MANUFACTURER SOURCE RECORD

Power Supply Issues
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Applications and Engineering Context

HPM cabinet power restoration

Restores a documented supply position in an installed High Performance Process Manager cabinet.

Legacy HPM supply modernization

Replaces an earlier silver or black HPM supply with the documented current generation.

Redundant supply maintenance

Supports controlled service of one supply path while preserving the approved cabinet arrangement.

HPM startup verification

Provides the exact supply identity used during cabinet power and controller diagnostic checks.

TECHNICAL NOTE

Match SPS5785-51198651-100 to the installed HPM cabinet and record supply position, input conductors, output connection and protective grounding before removal. Isolate the cabinet, replace one supply position at a time where redundancy is installed, then verify HPM power and system diagnostics before process release.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	SPS5785-51198651-100 recorded
Host / carrier	Honeywell High Performance Process Manager
Physical interface	Provides the current Version 3 HPM supply replacement
Configuration	Energize under control and review supply, HPM controller and cabinet diagnostics.
Functional proof	Verify stable system operation and controlled process response before release.

IMPORTANT NOTICE

Confirm SPS5785-51198651-100, part number 51198651-100, HPM cabinet execution, supply generation, installed redundancy, input and output wiring, protective grounding, cooling, controller state and controlled power-up diagnostics before commissioning.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	SPS5785-51198651-100
Approved role	HPM cabinet power restoration
Final validation	Verify stable system operation and controlled process response before release.

Engineering Precautions

- 1

Confirm SPS5785-51198651-100 and manufacturer part number 51198651-100 on the supplied unit.
- 2

Place the HPM and associated process functions in the approved maintenance state.
- 3

Isolate incoming power and prove the affected supply position de-energized.
- 4

Record all input, output, alarm and protective-earth connections before removal.
- 5

Inspect cabinet connector, mounting hardware, airflow path and adjacent supply condition.
- 6

Install only in the documented HPM supply position and restore the recorded wiring.
- 7

Energize under control and review supply, HPM controller and cabinet diagnostics.
- 8

Verify stable system operation and controlled process response before release.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
51401469-100	HPM UCN controller board	View 51401469-100 page
MC-TAOX52	analog output FTA	View MC-TAOX52 page
CC-PSV201	51454123-175 servo valve positioner	View CC-PSV201 page
CC-TSV211	51306665-175 servo valve module	View CC-TSV211 page
CC-PPIX01	51410089-175 pulse input module	View CC-PPIX01 page
51198651-100	HPM power supply	View 51198651-100 page
FS-PDC-FTA24P	FTA power cable	View FS-PDC-FTA24P page
FC-PSU-240516	V1.1 safety power unit	View FC-PSU-240516 page

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