

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.

BRAND	Honeywell	FAMILY	Honeywell High Performance Process Manager
PART	SPS5785-51198651-100	SYSTEM ROLE	Provides the current Version 3 HPM supply replacement

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SPS5785-51198651-100

MANUFACTURER SOURCE RECORD

Power Supply Issues
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Product Overview

SYSTEM FUNCTION

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

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	Honeywell High Performance Process Manager
Primary interface	Provides the current Version 3 HPM supply replacement
Engineering 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 duty	Verify stable system operation and controlled process response before release.

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.

Technical Data

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

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
8C-PAIH51	51454352-175 HART analog input	View 8C-PAIH51 page
8C-PDIL51	51454359-175 digital input	View 8C-PDIL51 page
8C-PDODA1	51454472-175 digital output	View 8C-PDODA1 page
CC-TAOX01	analog output IOTA	View CC-TAOX01 page
CC-TDIL51	51307083-175 digital input IOTA	View CC-TDIL51 page
CC-TDOR01	51308376-175 relay output IOTA	View CC-TDOR01 page
51401469-100	HPM UCN controller board	View 51401469-100 page
MC-TAOX52	analog output FTA	View MC-TAOX52 page

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.

Applications and Precautions

Common Applications

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.

Product 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.

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.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	SPS5785-51198651-100
Configuration	Energize under control and review supply, HPM controller and cabinet diagnostics.
Functional release	Verify stable system operation and controlled process response before release.

Engineer FAQ

Q1 How should the complete SPS5785-51198651-100 identity be verified before replacement?

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.

Q3 Which host or carrier must be checked before installing SPS5785-51198651-100?

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.

Q5 Which wiring or connector records should be retained for SPS5785-51198651-100?

Record all input, output, alarm and protective-earth connections before removal. Inspect cabinet connector, mounting hardware, airflow path and adjacent supply condition.

Q7 Which diagnostics must be reviewed after fitting SPS5785-51198651-100?

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

Q2 What system role does SPS5785-51198651-100 perform in the documented installation?

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.

Q4 What isolation and ESD controls apply when handling SPS5785-51198651-100?

Place the HPM and associated process functions in the approved maintenance state. Isolate incoming power and prove the affected supply position de-energized.

Q6 How should the approved configuration for SPS5785-51198651-100 be restored?

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

Q8 What controlled acceptance test completes work on SPS5785-51198651-100?

Verify stable system operation and controlled process response before release.

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