

51403698-100

SBHM Motherboard Assembly

Honeywell 51403698-100 is an SBHM motherboard assembly. It provides the internal module interconnection and mounting interface for the designated Honeywell cabinet hardware.

PRODUCT SNAPSHOT

BRAND

Honeywell

FAMILY

Honeywell control-system cabinet hardware

PART

51403698-100

ORIGIN / HS

USA / 8537101190

APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



51403698-100

PRODUCT OVERVIEW

Honeywell 51403698-100 is an SBHM motherboard assembly. It provides the internal module interconnection and mounting interface for the designated Honeywell cabinet hardware.

1

Provides the SBHM internal backplane connections

2

Carries the designated module interconnects

3

Supports the installed cabinet hardware arrangement

4

Acts as the identified SBHM replacement assembly

SYSTEM COMPONENTS

SBHM chassis

Installed daughter boards

Cabinet power harness

Backplane connectors

TECHNICAL DATA

PARAMETER	VALUE
Assembly type	SBHM motherboard

PARAMETER	VALUE
Form	Motherboard assembly

SYSTEM CONNECTION AND ACCEPTANCE RECORD

RECORD ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	SBHM chassis
Companion hardware	Installed daughter boards
Field connection	Cabinet power harness
Primary system function	Provides the SBHM internal backplane connections
Controlled acceptance duty	SBHM chassis restoration

TECHNICAL NOTE

Document every installed board and harness position, isolate all cabinet supplies and inspect connectors before rebuilding the SBHM assembly and running the chassis self-test.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

SBHM chassis restoration

Provides the SBHM internal backplane connections

Backplane fault repair

Carries the designated module interconnects

Legacy cabinet maintenance

Supports the installed cabinet hardware arrangement

Motherboard replacement

Acts as the identified SBHM replacement assembly

PRODUCT PRECAUTIONS

- 1 Verify the complete 51403698-100 marking and its assigned Honeywell control-system cabinet hardware position before work.
- 2 Isolate the energy associated with SBHM chassis before disconnecting 51403698-100.
- 3 Protect the 51403698-100 connectors and electronic assembly using approved ESD controls.
- 4 Record the as-found Installed daughter boards connections and configured assignment before replacement.
- 5 Confirm Cabinet power harness matches the approved installation record for 51403698-100.
- 6 Restore 51403698-100 under controlled conditions and review its model-specific diagnostics.
- 7 Complete a documented functional test for sbhm chassis restoration before release.

ENGINEER FAQ

Q1 Can 51403698-100 be moved to a different slot or duty without review?

No. Confirm keying, companion hardware and the approved configuration before assigning 51403698-100 to another position or function.

Q2 Which technical value is especially important during 51403698-100 commissioning?

Verify Assembly type is SBHM motherboard and use the named manufacturer procedure for the controlled functional test.

Q3 What should be checked if 51403698-100 does not support backplane fault repair after installation?

Check seating, Installed daughter boards, Cabinet power harness, field energy and the model-specific diagnostics before replacing additional hardware.

Q4 What evidence should be retained after 51403698-100 returns to service?

Retain the full model identity, as-left connections, configuration, diagnostic result and the final controlled test record for sbhm chassis restoration.

Q5 How is 51403698-100 identified before installation in a Honeywell control-system cabinet hardware cabinet?

Match the full 51403698-100 marking and part number 51403698-100 to the assigned position and installed SBHM chassis.

Q6 Which companion hardware must be checked when replacing 51403698-100?

Verify SBHM chassis, Installed daughter boards and Cabinet power harness against the approved cabinet and project record before fitting the SBHM Motherboard Assembly.

Q7 What wiring information should be recorded before removing 51403698-100?

Record terminal identifiers, polarity or phase, shields, cable tags and the as-found channel or port assignment for 51403698-100.

Q8 How should engineers validate 51403698-100 after configuration?

Restore the documented Honeywell control-system cabinet hardware assignment, review diagnostics and run a controlled test of its role: provides the sbhm internal backplane connections.

SOURCE Honeywell System HINTS September 2022 | SBHM MOTHERBOARD ASSY

+86 180 3023 5313 | sales13@apterpower.com | www.apterpower.com