

51307038-100

Power Control Module Assembly

Honeywell 51307038-100 is an Experion LX Power Control Module Assembly. It manages the designated power-control function within the modular control-system hardware.

PRODUCT SNAPSHOT

BRAND

Honeywell

FAMILY

Experion LX modular system

PART

51307038-100

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PRODUCT OVERVIEW

Honeywell 51307038-100 is an Experion LX Power Control Module Assembly. It manages the designated power-control function within the modular control-system hardware.

- Controls power distribution within the designated LX assembly
- Interfaces with the modular system power hardware
- Supports controlled energization of the installed electronics
- Provides the identified replacement assembly for the LX platform

SYSTEM COMPONENTS

Experion LX chassis

LX system power feed

Matched power-distribution hardware

Cabinet grounding arrangement

TECHNICAL DATA

PARAMETER	VALUE
Assembly type	Power Control Module

PARAMETER	VALUE
Platform	Experion LX

SYSTEM CONNECTION AND ACCEPTANCE RECORD

RECORD ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	Experion LX chassis
Companion hardware	LX system power feed
Field connection	Matched power-distribution hardware
Primary system function	Controls power distribution within the designated LX assembly
Controlled acceptance duty	Experion LX cabinet power service

TECHNICAL NOTE

Verify the exact chassis position and incoming supply isolation, inspect power connectors and confirm normal power indications before reconnecting dependent modules.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Experion LX cabinet power service

Controls power distribution within the designated LX assembly

Modular system restoration

Interfaces with the modular system power hardware

Power-control assembly replacement

Supports controlled energization of the installed electronics

Controller cabinet commissioning

Provides the identified replacement assembly for the LX platform

PRODUCT PRECAUTIONS

- 1 Verify the complete 51307038-100 marking and its assigned Experion LX modular system position before work.
- 2 Isolate the energy associated with Experion LX chassis before disconnecting 51307038-100.
- 3 Protect the 51307038-100 connectors and electronic assembly using approved ESD controls.
- 4 Record the as-found LX system power feed connections and configured assignment before replacement.
- 5 Confirm Matched power-distribution hardware matches the approved installation record for 51307038-100.
- 6 Restore 51307038-100 under controlled conditions and review its model-specific diagnostics.
- 7 Complete a documented functional test for experion lx cabinet power service before release.

ENGINEER FAQ

Q1 Which companion hardware must be checked when replacing 51307038-100?

Verify Experion LX chassis, LX system power feed and Matched power-distribution hardware against the approved cabinet and project record before fitting the Power Control Module Assembly.

Q2 What wiring information should be recorded before removing 51307038-100?

Record terminal identifiers, polarity or phase, shields, cable tags and the as-found channel or port assignment for 51307038-100.

Q3 How should engineers validate 51307038-100 after configuration?

Restore the documented Experion LX modular system assignment, review diagnostics and run a controlled test of its role: controls power distribution within the designated lx assembly.

Q4 Can 51307038-100 be moved to a different slot or duty without review?

No. Confirm keying, companion hardware and the approved configuration before assigning 51307038-100 to another position or function.

Q5 Which technical value is especially important during 51307038-100 commissioning?

Verify Platform is Experion LX and use the named manufacturer procedure for the controlled functional test.

Q6 What should be checked if 51307038-100 does not support modular system restoration after installation?

Check seating, LX system power feed, Matched power-distribution hardware, field energy and the model-specific diagnostics before replacing additional hardware.

Q7 What evidence should be retained after 51307038-100 returns to service?

Retain the full model identity, as-left connections, configuration, diagnostic result and the final controlled test record for experion lx cabinet power service.

Q8 How is 51307038-100 identified before installation in a Experion LX modular system cabinet?

Match the full 51307038-100 marking and part number 51307038-100 to the assigned position and installed Experion LX chassis.

SOURCE Honeywell Experion LX Fieldbus Interface Module Specification | LX03-470-120

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