

INDUSTRIAL AUTOMATION PRODUCT

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Experion LX modular system
Part number	51307038-100
Country	USA
HS code	8537101190

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Technical Specifications

Technical values below are limited to the named Honeywell product record.

PARAMETER	TECHNICAL VALUE
Assembly type	Power Control Module
Platform	Experion LX

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED 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

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System Role and Architecture

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

FUNCTION 1

Controls power distribution within the designated LX assembly

FUNCTION 2

Interfaces with the modular system power hardware

FUNCTION 3

Supports controlled energization of the installed electronics

FUNCTION 4

Provides the identified replacement assembly for the LX platform

Matched system components

- Experion LX chassis
- LX system power feed
- Matched power-distribution hardware
- Cabinet grounding arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
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

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Applications and Engineering Context

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

TECHNICAL NOTE

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

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	51307038-100 / 51307038-100 recorded
Physical interface	Experion LX chassis
Companion check	LX system power feed
Functional proof	Controls power distribution within the designated LX assembly
Application test	Experion LX cabinet power service

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Engineering 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.

CONFIGURATION VERIFICATION MATRIX

- **INSTALLED POSITION** Experion LX chassis
- **COMPANION HARDWARE** LX system power feed
- **FUNCTIONAL DUTY** Controls power distribution within the designated LX assembly
- **ACCEPTANCE APPLICATION** Experion LX cabinet power service

MANUFACTURER SOURCE RECORD

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

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