

APTER POWER ENGINEERING REFERENCE

621-9937C

LC621 Parallel I/O Module

The 621-9937C is the Honeywell LC621 parallel I/O module that provides the rack communication path between the controller and LC621 I/O hardware through the separately selected parallel cable.

Parameter	Technical value
Manufacturer	Honeywell
Product model	621-9937C
Part number	621-9937C
System family	Honeywell LC621
Document	Installation & Application Guide
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

One verified model, one engineered configuration path.

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SCAN FOR PRODUCT & QUOTE

621-9937C

2. Installation Planning

The 621-9937C is the Honeywell LC621 parallel I/O module that provides the rack communication path between the controller and LC621 I/O hardware through the separately selected parallel cable.

Pre-installation sequence

- Order the parallel cable for the exact rack arrangement.
- Power down both ends before cable insertion.
- Check connector keying and strain relief.
- Verify the controller recognizes the remote I/O path after startup.

Matched components

- 621-9990C I/O rack
- LC621 processor hardware
- Application-matched parallel I/O cable
- Rack power supply 621-9934C

3. Wiring and Interface Checks

Installation item	Required technical value
Model	621-9937C
Hardware type	Parallel I/O module
Controller family	LC621
Compatible rack	621-9990C
Cable provision	Parallel I/O cables ordered separately
Country	USA
HS code	8537101190

Interface controls

- Use only the 621-9937C hardware identity and the matched components listed for this product.
- Record wiring, polarity, addressing or channel allocation before disturbing installed conductors.
- Keep field circuits de-energized until continuity and insulation checks are complete.
- Apply the product-specific limits in the table during loop or channel testing.

4. Commissioning and Functional Test

- 1 Confirm that 621-9937C and part number 621-9937C match the cabinet record.
- 2 Verify the connection to 621-9990C I/O rack before applying operating power.
- 3 Check the product function: provides the Ic621 parallel i/o interface.
- 4 Simulate or apply a controlled signal for Ic621 remote i/o interfaces.
- 5 Compare the channel indication or output state with the control database.
- 6 Record baseline values and restore the field circuit to its operating configuration.

5. Diagnostics and Return to Service

Product-specific diagnostic questions

How should an engineer verify official C suffix on 621-9937C?

Use the 621-9937C technical limit or configuration stated for official C suffix, then verify it at the installed channel before service.

What must be checked for parallel-cable selection on 621-9937C?

Treat parallel-cable selection as a product-specific commissioning point and compare the field condition with the Honeywell hardware configuration.

Which system detail controls rack-end keying on 621-9937C?

The required check concerns rack-end keying; confirm the connected hardware is the matched component listed for 621-9937C.

Why is it important to confirm power-down connection on 621-9937C?

For power-down connection, isolate the circuit, record its present configuration and apply the stated Honeywell limit before re-energization.

RETURN-TO-SERVICE CHECK

Confirm model 621-9937C, cabinet wiring, control-system channel assignment and the intended field response before releasing the equipment for production.