

APTER POWER ENGINEERING REFERENCE

# 621-9934C

## LC621 I/O Rack Power Supply

The 621-9934C is the rack power supply for the Honeywell LC621 I/O controller, converting the selected 115 or 230 Vac source into power for modules installed in the 621-9990C rack.

| Parameter     | Technical value                  |
|---------------|----------------------------------|
| Manufacturer  | Honeywell                        |
| Product model | 621-9934C                        |
| Part number   | 621-9934C                        |
| System family | Honeywell LC621                  |
| Document      | Installation & Application Guide |
| Country       | USA                              |
| HS code       | 8537101190                       |

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**One verified model, one engineered configuration path.**

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SCAN FOR PRODUCT & QUOTE

621-9934C

## 2. Installation Planning

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The 621-9934C is the rack power supply for the Honeywell LC621 I/O controller, converting the selected 115 or 230 Vac source into power for modules installed in the 621-9990C rack.

### Pre-installation sequence

- Confirm the installed 115 V or 230 V selection before energization.
- Calculate rack load against the eight-ampere capacity.
- Verify protective earth continuity.
- Inspect rack connectors before installing the supply.

### Matched components

- 621-9990C I/O rack
- LC621 controller and I/O modules
- 115 or 230 Vac branch circuit
- Protective earth and cabinet disconnect

### 3. Wiring and Interface Checks

| Installation item | Required technical value |
|-------------------|--------------------------|
| Model             | 621-9934C                |
| Hardware type     | I/O rack power supply    |
| Compatible rack   | 621-9990C                |
| Input option C    | 115 Vac                  |
| Input option E    | 230 Vac                  |
| Output capacity   | 8 A                      |
| Supply frequency  | 50/60 Hz                 |
| Country           | USA                      |
| HS code           | 8537101190               |

#### Interface controls

- Use only the 621-9934C 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

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- 1 Confirm that 621-9934C and part number 621-9934C match the cabinet record.
- 2 Verify the connection to 621-9990C I/O rack before applying operating power.
- 3 Check the product function: supplies operating power to the Ic621 i/o rack.
- 4 Simulate or apply a controlled signal for Ic621 machine-control racks.
- 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

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### Product-specific diagnostic questions

#### How should an engineer verify 115/230 V selection on 621-9934C?

Use the 621-9934C technical limit or configuration stated for 115/230 V selection, then verify it at the installed channel before service.

#### What must be checked for eight-ampere rack budget on 621-9934C?

Treat eight-ampere rack budget as a product-specific commissioning point and compare the field condition with the Honeywell hardware configuration.

#### Which system detail controls 50/60 Hz feed on 621-9934C?

The required check concerns 50/60 Hz feed; confirm the connected hardware is the matched component listed for 621-9934C.

#### Why is it important to confirm 621-9990C compatibility on 621-9934C?

For 621-9990C compatibility, isolate the circuit, record its present configuration and apply the stated Honeywell limit before re-energization.

### RETURN-TO-SERVICE CHECK

Confirm model 621-9934C, cabinet wiring, control-system channel assignment and the intended field response before releasing the equipment for production.