

J I - 8 P P C

8 PORTS POWER CONTROLLER

Eight-outlet network power controller with per-outlet metering, Web-GUI, RS-232, TCP/IP control and integrated protection functions.

8 OUTLETS	METERING	WEB-GUI	RS-232	2x TCP/IP	10A/PORT
-----------	----------	---------	--------	-----------	----------



01 OVERVIEW

The Jistron JI-8PPC is an eight-port power controller designed for power switching and electrical metering. It accepts AC 110-250 V input up to 16 A and provides eight independently controlled IEC C13 outputs rated up to 10 A per port. System-level and outlet-level metering are available for voltage, current and power consumption, with local push-button control, RS-232, dual TCP/IP network ports and Web-GUI management.

02 KEY FEATURES

- **Eight individually controlled outlets**

Eight IEC C13 outputs provide independent outlet power control.
- **System & outlet metering**

Meters system-level and outlet-level electrical data.
- **Electrical measurements**

Supports voltage, current and power-consumption metering.
- **Local outlet control**

Eight front-panel buttons provide direct outlet switching.
- **Dual TCP/IP network ports**

Two RJ45 ports provide continuous network services and Web-GUI access.
- **RS-232 control**

A 3-pin Phoenix terminal provides serial control integration.
- **Protection mechanisms**

Includes overload protection, wiring-error protection and remote login verification.
- **Network & IoT protocols**

Supports multiple network and IoT protocols for integration and automation.

03 CONTROL & METERING FUNCTIONS

OUTLET CONTROL	METERING	SCHEDULE	WEB-GUI	PROTOCOLS
----------------	----------	----------	---------	-----------

04 NETWORK, AUTOMATION & SECURITY

1 WEB-GUI DASHBOARD

Provides system and per-outlet control together with metering data from a browser interface.

3 SCHEDULE CONTROL

Outlets can be enabled or disabled automatically according to configured schedules.

5 EMAIL & CLOCK

Supports SMTP configuration, email testing, custom email content, NTP clock and manual time settings.

7 MAINTENANCE

Supports system logs, firmware upgrade, SSL certificate upload, configuration import/export and restart.

2 NETWORK SETTINGS

Supports IPvX, HTTP and mDNS configuration through the management interface.

4 NETWORK PROTOCOLS

SNMP, Telnet, MQTT, SSH and Modbus TCP are listed as available integration protocols.

6 SYSTEM SETTINGS

Supports front-panel lock, device naming, login time, warning beeper, standby and overload threshold settings.

8 SECURITY

Supports Web-GUI password management and RADIUS-based security login.

05 POWER CONTROL & PROTECTION

■ Per-outlet power switching

Each of the eight outlets can be controlled individually through front-panel buttons, RS-232 or Web-GUI.

■ Power and load monitoring

Voltage, current and power-consumption data can be monitored at system and outlet level.

■ Abnormal-condition indication

Front-panel output LEDs indicate normal output, delayed state and abnormal conditions such as overload or overvoltage.

■ Integrated protection

The manual specifies overload protection, wiring-error protection and remote-login verification mechanisms.

06 TECHNICAL SPECIFICATIONS

INPUT	
Input voltage	AC 110-250 V
Input frequency	50 / 60 Hz
Maximum input current	16 A
Input connector	1 x IEC C20

OUTPUT	
Output voltage	AC 110-250 V
Output frequency	50 / 60 Hz
Maximum output current	10 A per port
Output connectors	8 x IEC C13

CONTROL & INTERFACES	
Front-panel control	8 x white outlet buttons
TCP/IP	2 x RJ45
RS-232	1 x 3-pin Phoenix terminal
Control methods	Front-panel buttons · RS-232 · Web-GUI
Available network protocols	SNMP · Telnet · MQTT · SSH · Modbus TCP

06 TECHNICAL SPECIFICATIONS - CONTINUED

GENERAL & ENVIRONMENT	
Voltage range	110-250 V
Current range	0-16 A
Frequency range	45-65 Hz
Power factor	0-1
Operating temperature	-5 °C to +55 °C
Storage temperature	-20 °C to +70 °C
Relative humidity	0% to 80%
Standby power consumption	1.5 W
Dimensions (W x H x D)	436.4 x 44 x 225 mm
Net weight	2.8 kg

INCLUDED ACCESSORIES	
RS-232 cable	1 x included
Power cable	1 x AU / EU / UK / US
Rack mounting hardware	2 x mounting ears + 6 x screws
Rubber feet	4 x included

07 ORDERING INFORMATION

MODEL	DESCRIPTION	NOTES
JI-8PPC	8 Ports Power Controller - metering, Web-GUI, RS-232 and dual TCP/IP network control	8 x IEC C13 outputs

Specifications on this datasheet are derived from the JI-8PPC user manual. Operational instructions and default login settings are intentionally omitted.

08 ABOUT JISTRON

Jistron is a European audio-visual brand headquartered in Tallinn, Estonia. It supplies conference systems, audio processors and installed audio-visual solutions for boardrooms, chambers and command environments; products are manufactured at audited partner facilities.