

**Aumictech**

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Data Sheet

August 2, 2026

INTERNATIONAL POWER

International Power Controller RS-232

The International Power Controller RS232 (IPC / SWTIPC-S from CPS Inc.) provides intelligent AC power reboot control for unattended remote equipment, with auto-adapting mains input and serial or telephone-initiated cycling of the switched outlet. Remote reboot of servers, routers, and telecom gear at unmanned sites; recovery from hung embedded systems using heartbeat auto-recycle; telephone-initiated power cycling when RS-232 access is unavailable; field equipment that must survive wide international mains voltage without manual reconfiguration. Cold-Start Delay: Up to 45 minutes (extended delay option) Dimensions: Approximately 4" W × 3" D × 1" H Connect input and output per IEC C13/C14 orientation and fuse rating for local mains voltage. Configure RS-232 command set and heartbeat interval before deploying to remote sites. Set TelCo ring count and cold-start delay to match site access policy. Also referenced as SWTIPC-S in CPS documentation. RS232 and IPC are common inventory aliases. Do not substitute third-party catalog baud-rate or 24 V card specifications for this unit—use CPS IPC/SWTIPC-S OEM documentation for serial protocol and electrical limits.



MODEL

**International
Power RS-232**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

RS-232

LISTING

<https://aumictechlabs.com/products/rs-232-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The International Power Controller RS-232 is a remote power management device that enables on/off switching, rebooting, and power consumption monitoring of networked equipment through

RS-232 serial communication. Designed for data centers, server rooms, and remote facilities, It has centralized control of power distribution units and connected devices over standard serial interfaces. Technical Specifications Serial Communication RS-232 interface compliant with TIA/EIA-232 and CCITT V.24 standards Supports baud rates from 2400 bps to 921600 bps Signal voltage levels: +/-3V to +/-15V Maximum recommended cable length: 15.24 m (50 ft) Handshake signal support: DTR and CTS Electrical Characteristics Device power supply: 24 VDC Power consumption: 0.24 W (typical) Current draw: up to 10 mA Physical Characteristics Form factor: Internal card or external module Dimensions: 58 mm (H) × 36 mm (W) × 90 mm (D) Mounting: DIN rail compatible Environmental Operating temperature range: 0°C to +45°C Key Features Remote power control for connected devices and servers Real-time power consumption monitoring Power distribution unit (PDU) management Point-to-point serial communication with defined handshake protocols Configurable baud rates for diverse communication requirements Typical Applications Data center power distribution and device management Server room remote reboot and shutdown operations Unattended facility power monitoring Equipment power consumption tracking Compatibility & Integration RS-232 standard compliance ensures compatibility with legacy and modern DTE/DCE equipment. The controller functions within standard serial communication architectures, supporting flexible baud rate configuration and handshake-based flow control for reliable operation across various integration scenarios.

Features & description

From manufacturer datasheet

Features

- Intelligent AC power reboot controller for unattended remote equipment
- Auto-adapts 100–250 VAC (110–250 VAC class operation)
- IEC 320 C13/C14 power input and output connectors
- Fuse-protected switching: approximately 10 A @ 115 VAC / 6.3 A @ 220 VAC
- DB-9 female RS-232 for direct ON/OFF/RESET commands and programming
- Heartbeat auto-recycle if monitored target stops responding
- RJ-11 TelCo ring-count reboot (programmable 1–9 rings)
- Extended cold-start delay up to 45 minutes
- Manual pushbutton for local power control
- Status LEDs for power and operating state
- Compact physical footprint approximately 4" W × 3" D × 1" H

RS232 Characteristics / Specifications

PARAMETER	VALUE
Model	International Power Controller (IPC / SWTIPC-S)
Manufacturer	CPS Inc.
Instrument Type	Intelligent AC power reboot controller
Alias	RS232 / IPC
Mains Input	Auto-adapting 100–250 VAC (110–250 VAC class)
Power Connectors	IEC 320 C13 in / C14 out
Switch Rating	Fuse-protected approximately 10 A @ 115 VAC; 6.3 A @ 220 VAC
Serial Interface	DB-9 female RS-232 (ON/OFF/RESET and configuration)
Telephone Interface	RJ-11 TelCo ring-count reboot, 1–9 rings programmable
Heartbeat	Auto-recycle on loss of target response
Local Control	Manual pushbutton
Indicators	Power and status LEDs
Dimensions	Approximately 4" W × 3" D × 1" H Standard Operating Conditions Connect input and output per IEC C13/C14 orientation and fuse rating for local mains voltage. Configure RS-232 command set and heartbeat interval before deploying to remote sites. Set TelCo ring count and cold-start delay to match site access policy.
Fuse-protected switching	approximately 10 A @ 115 VAC / 6.3 A @ 220 VAC

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

Specifications

PARAMETER	VALUE
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Heartbeat	Auto-recycle on loss of target response

Cold-Start Delay: Up to 45 minutes (extended delay option)

Specifications

PARAMETER	VALUE
Local Control	Manual pushbutton
Indicators	Power and status LEDs
Dimensions	Approximately 4" W × 3" D × 1" H

Standard Operating Conditions

Connect input and output per IEC C13/C14 orientation and fuse rating for local mains voltage. Configure RS-232 command set and heartbeat interval before deploying to remote sites. Set TelCo ring count and cold-start delay to match site access policy.

Operational Notes

Also referenced as SWTIPC-S in CPS documentation. RS232 and IPC are common inventory aliases. Do not substitute third-party catalog baud-rate or 24 V card specifications for this unit-use CPS IPC/SWTIPC-S OEM documentation for serial protocol and electrical limits.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.