

# Circuit Breaker Distribution with Remote Control

**New!**



Instantly reboot, start or stop -48V telecom equipment in remote locations securely from your web browser or via program control. Eliminate overloads, brown-outs, blown breakers and other power problems before they occur, start devices in sequence automatically.

Ease of remote operation is made possible via numerous web browser control options of up to 8 breaker protected circuits. Remotely control power relays, choose from sequential on, all-off, selective circuit, or last state. In addition, an advanced custom control function is built-in, programmed via a BASIC style language that remotely initializes scripts without user intervention upon defined conditions such as: power-up, or when lock up is sensed via the "Auto-Ping" feature. Auto Ping continually monitors critical network devices, such as telecom equipment, servers and routers. If a device fails to respond after a user selectable number of pings, the power controller will automatically reboot it, or run a user's script with no user intervention. "Locked-up" devices are brought back to life instantly. Long distance service calls are averted.

Convenient monitoring via user-defined graphics and hyperlinks allow you to customize web pages. Programmable web links provide a seamless control panel of multiple systems comprising several distribution reboot units.

## Features

- Remote control routers, telecom equipment, switches any -48VDC device, up to 15 amps.
  - An internal web server gives you manual control from anywhere in the world
  - Use scripts to automate control from remote locations via LAN or WAN
- The "Auto-Ping" feature intelligently reboots a machine, router, server, or other Ethernet device automatically
- Windows utility provides e-mail notification of logs and events. Also supports UNIX style SYSLOG
- Eight relays are individually controlled by scripts or web commands over Ethernet. Ethernet connection with static IP allows connection anywhere on your LAN or WAN
- Dual 50 Amp A/B input bus power four 15 Amp outputs for each bus, or wire inputs in parallel for an 8 circuit bus.
- All inputs and outputs are circuit breaker protected; 15 amp
- Universal 19" brackets accommodate center, back, or front rack mounting

Model	Circuit Capacity	Dimensions (H x D x W)	Weight (Lbs.)
DST-8-RB	8	1.75" x 11" x 17"	9.3 Lbs.

Preliminary specifications subject to change without notice.



Newport Beach, CA USA

*Powering the Network*

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## Specifications

### Electrical

**Input Supply Voltage** 36-75VDC either A or B bus

**Input Frequency:** DC, 20% ripple permissible

**A/B Input Breakers:** 50A thermal, manual reset

**Power Dissipation** 10.3W Max (relays on) <3 W idle

**Ethernet Interface:** 10/100 autosensing, Static IP, TCP port selectable, 8 pin RJ-45 w/ internal FCC filtering

**Input Terminal Rating:** 100VDC 100A

**Relay Contact Rating:** 20A DC

**Password Transmission:** Secure authentication  
Encrypted, base 64 Movable HTTP port for security

**Output Circuit Breakers:** 7, 10 or 15A thermal,  
manual reset

**Power Fail Hold-Over:** 600ms minimum (all relays on)

**Switches & Controls:** Reset to factory default switch  
Link, ACT (Relays On), Pwr LEDs

**Power-Up Settings:** Last relay settings, all relays off,  
sequential on or run PLC script

**Software Controls (via web or script):** Individual  
outlets on/off, all on

### Mechanical

**Dimensions:** 11.0" x 17.0" x 1.75", 1U, 19" rack  
mountable

**Weight:** 9.3 Lbs.

**Enclosure Material:** Cold rolled steel, no flammable  
plastics, vented 4 sides

### Environmental

**Operating Temperature:** -40° to 170°F, -34° to 77°C

## Rear Panel View

