

# Sentry Switched CDU

## Key Features

- > High Density: Single input feed; 48 outlets per enclosure (Qty 48 IEC C13)
- > Power Distribution: 230/400V 3-Phase Wye, 16/32A power infeed options with 230V output.
- > Input Current Monitor: Precisely measure the aggregate current draw (in amps) of each phase of the circuit. On-site verification of the input current with LED digital display. Remote verification via web browser or serial screen.
- > Networked Power Management: Power cycle individual power outlets, or groups of power outlets, to remotely reboot servers and network devices, anywhere in the world. Or, power-off unused power receptacles
- > IP Access & Security: Web interface, SSL, SSH, Telnet, SNMP, FTP, SNTp, Syslog, LDAP, LDAPs, TACACS, RADIUS, and RS-232 access
- > SNMP Traps and Email alerts: Provide automated alerts for power and environmental conditions
- > Environmental Monitoring: Each Switched CDU supports two external temperature & humidity probes and reports conditions thru the user interface without the need for additional IP addresses
- > Add an Expansion Module: Daisy chain the Switched CDU Expansion Module (CXG) for power monitoring of separate power circuits from a single IP address

## CWG-48V4 Switched POPS™ CDU 48xC13 Outlets with PIPS™

The Switched CDU combines network configuration and management with power distribution, environmental monitoring and the ability to provide power monitoring per an individual outlet/device. Power information per outlet includes current, voltage, power (kW), apparent power (VA), crest factor and power factor. Reboot a single or dual-power server with one command. Receive SNMP or email-based alerts when power or environmental conditions exceed thresholds. Assign user specific access rights to designated outlets or groups.

This Switched CDU has top entry for network, serial & environmental connections combined with a bottom power cord entry. Current monitors are easily inverted via the web GUI or serial interface. This provides flexibility when connecting Switched CDU's to overhead power or busways.

### Additional Benefits:



#### POPS™ (Per Outlet Power Sensing)

Monitor Current Load (A), Voltage (V), Power (W), Apparent Power (VA), Crest Factor and Power Factor per outlet at an accuracy of  $\pm 2\%$ .



#### Fuse Retractors for Branch Circuit Protection

These tool-less retractors pull out for easy access and replacement of fuses. The Sentry CDU Family meets the UL 60950-1 requirement for branch circuit protection.

Attention! The Sentry CDU products meet the above criteria by providing overcurrent protection with UL-listed Bussman SC fuses for each branch circuit.



#### PIPS - Per Input Power Sensing

Accurately measures Active Power, Apparent Power, Energy k-Wh, Power Capacity, Reactance, and Power Capacity Used using the network interface. See the aggregate current draw, in Amps, locally using the onboard LED.



#### Temperature and Humidity

The Switched CDU supports two external 10ft (3m) probes. Each of these probes measure both temperature and humidity. Receive SNMP-based alerts or email notifications when conditions exceed defined thresholds.



Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
CWG-48V4J358 CXG-48V4J358*	230/400V 3-Phase Wye, 50/60Hz	16A	IEC Red 6hr 3P+N+G Plug, 10'(3m), Top Cord Entry	(48) IEC 60320/C13	1753 x 89 x 89 mm [69.0 x 3.50 x 3.50 in.]
CWG-48V4K358 CXG-48V4K358*	230/400V 3-Phase Wye, 50/60Hz	32A	IEC Red 6hr 3P+N+G Plug, 10'(3m), Top Cord Entry	(48) IEC 60320/C13	1753 x 89 x 89 mm [69.0 x 3.50 x 3.50 in.]

\* CXG part numbers refer to the Expansion CDU

## Additional Features and Specifications

### Agency Approvals

- > European Union (TUVGS Mark) to EN 60950-1:2006 + A11
- > FCC Class A, Part 15
- > CE Mark
- > EMC to EN 55022 Class A, EN 55024, CISPR 22 Class A

### Communications and Security

- > 10/100 BaseT Ethernet
- > HTTP/HTTPS
- > SSLv3/TLSv1
- > SNMPv2 and v3
- > SSHv2
- > Telnet
- > LDAPS/LDAPv3
- > TACACS+
- > RADIUS
- > RS-232 (Serial)
- > IPv4 and v6

### Branch Circuit Protection

- > Compliant to UL 60950-1

### Accessories

- > Optional Temperature & Humidity Probe
  - EMTH-1-1 Temperature & Humidity Probe, 10 ft (3m)
- > SPM (Sentry Power Manager) Appliance:
  - Monitor and Manage multiple Sentry CDU's
  - Monitor and Manage all alarm conditions
  - Reporting and Trending
  - Group or Cluster outlets for reboot and power information
- > Environmental Monitor
  - EMCU-1-1B allows up to (2) additional temperature & humidity probes, (1) water sensor, (4) dry contact closures, (1) analog-to-digital contact sensor. Includes (1) temperature/humidity probe with unit.

1U SPM Appliance



Expansion Module Model Numbers

- > CXG-48V4J358
- > CXG-48V4K358



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