

Sentry Switched CDU

Key Features

- > High Density: Single-power input feed; 24 IEC 60320 C13 outlets per enclosure
- > High Power Distribution: 208V, 3-phase power options; 50A Delta or 60A Wye or Delta power input feed option.
- > Input Current Monitor: Precisely measure the aggregate current draw (in amps) on each phase. On-site verification of the input current with LED digital displays. Remote verification via web browser or serial screen.
- > Remote 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, SNT, Syslog, LDAP, LDAPS, TACACS 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: Connect the Switched Expansion CDU (SEV) to a Master unit (STV) for power monitoring of separate power circuits from a single IP address

STV-4103 50/60A with 24xC13 PIPS

High-Density Power Distribution

The Switched CDU combines remote configuration and management with power distribution and power and environmental monitoring. 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 middle entry for network, serial & environmental connections combined with a top power cord entry. This provides the ultimate flexibility when connecting Switched CDU's to overhead power or busways. Current monitors are easily inverted via the web GUI or serial interface.

Additional Benefits:



Branch Circuit Protection

The Sentry CDU Family meets the UL 60950-1 requirement for Branch Circuit Protection

- > UL-489 rated circuit breakers



PIPS - Per Input Power Sensing

Accurately measures Active Power, Apparent Power, Energy k-Wh, Power Capacity, 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.



Auto-Flip Display

Auto-Flip reversible LED allows the current measurement to rotate with the CDU. Whether a raised floor or an overhead busway environment the current will be properly displayed.



Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
STV-4103V SEV-4103V*	208V, 3-phase Delta, 50/60Hz	50A	CS8365 Plug, 10'(3m), Top Cord Entry	(24) IEC 60320/C13	70.0 x 1.75 x 3.50 in. (1778 x 44 x 89 mm)
STV-4103D SEV-4103D*	208V, 3-phase Delta, 50/60Hz	60A	IEC Blue 9hr 3P+G Plug 10'(3m), Top Cord Entry	(24) IEC 60320/C13	70.0 x 1.75 x 3.50 in. (1778 x 44 x 89 mm)
STV-4103Y SEV-4103Y*	208V, 3-phase Wye, 50/60Hz	60A	IEC Blue 9hr 3P+N+G Plug 10'(3m), Top Cord Entry	(24) IEC 60320/C13	70.0 x 1.75 x 3.50 in. (1778 x 44 x 89 mm)

* SEV part numbers refer to expansion CDU

Additional Features and Specifications

Agency Approvals

- > US & Canada (cTUVus Mark) to UL 60950-1: 2007 and CAN/CSA 22.2 No. 60950-1-07
- > FCC Class A, Part 15
- > EMC to EN 55022 Class A, EN 55024, CISPR 22 Class A

Communications and Security

- > 10/100 BaseT Ethernet
- > HTTP/HTTPS
- > SSLv3/TLSv1
- > SNMP v2 and v3
- > SSHv2
- > Telnet
- > LDAPS/LDAPv3
- > TACACS+
- > RADIUS
- > RS-232 (Serial)
- > IPv4 and IPv6

Branch Circuit Protection

- > Compliant to UL 60950-1

Accessories

- > Optional Temperature & Humidity Probe
 - EMTH-1-1 Temperature & Humidity Probe, 10ft (3m)
- > 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.
- > SPM (Sentry Power Manager):
 - 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
 - Optional Appliance or virtual version
 - SPM v5.1+ is VMware READY



VMware and VMware Ready is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions

1U SPM Appliance



Expansion Module Model Numbers

- > SEV-4103V
- > SEV-4103D
- > SEV-4103Y



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