

Sentry 4820-XLS-8

Intelligent -48 VDC Power Distribution, Remote Management, Power & Environmental Monitoring

Key Features

- > **Qty (2) 100-Amp Power Input Feeds:** Support dual-power supply routers & networking gear
- > **Qty (8) 20-Amp Outlet Circuits:** Push-to-reset, pull-to-break circuit
- > **SSHv2:** Secure Shell for secure remote terminal
- > **SSLv3:** Secure Sockets Layer-enabled HTTPS server.
- > **Active Directory w/LDAPv3:** User authentication with LDAPv3 & LDAPS
- > **Remote Power Management:** Combine intelligent power distribution and remote power control into a single 2U 19" rack mount enclosure
- > **IP Access & Security:** Web interface, SSL, SSH, Telnet, SNMP, FTP, SNTp, Syslog, LDAP, LDAPS, TACACS and RS-232 access
- > **RS-232:** Local or remote configuration & control
- > Optional integrated secure global modem
- > **Add an Expansion Module:** Daisy chain a Switched CDU Expansion Module (4820-XMS-8) for power monitoring and control of separate power circuits from a single IP address
- > **Environmental Sensors:** Supports (2) external Temperature & Humidity probes



4820-XLS-8

The Sentry 4820-XLS Intelligent PDU and Remote Power Manager minimizes the impact of locked-up routers, servers and other network devices on business-critical networks. CLECs, ILECs, ISPs and enterprises use the Sentry 4820 to manage equipment in remote sites, co-location facilities and network operation centers. Sentry 4820-XLS eliminates the need to dispatch a field service technician for manual intervention when devices lock-up. Using a Sentry 4820-XLS, the network operations center can quickly restart locked-up remote network servers to ensure that the network is fully operational around the clock.

Sentry 48 VDC provides immediate operational cost savings, including:

- > Reduced field service visits
- > Improved problem/solution response time
- > Improved network availability
- > Improved facility security

Eliminate the Need for a Separate Power Distribution Panel

The Sentry 4820-XLS is an intelligent unit that combines the functions of a power distribution panel and remote power management unit into a compact 2U 19" rack-mounted enclosure.

Each power output terminal connection is rated to switch 20-Amps and is protected by a 25-Amp circuit breaker.

Measurement Features

Use either RS-232 or TCP/IP to monitor the status of key Measurement Values, SNMP or email alerts as well as Syslog to receive an alarm when a measurement value is out of a predefined threshold:

- > **Input Feed/Outlet "On Sense"** - Verifies power at each power input/outlet connection
- > **Load Sense** - Provides an accurate, real time measurement of the current draw, in amps, for each power outlet
- > **Environmental Sensors** - Supports two external probes to measure the temperature and humidity in an equipment cabinet to identify hot spots and humidity

Model Number and Technical Specifications

Model#

4820-XLS-8 (Master)
4820-XMS-8 (Expansion)

Optional - Integrated Global Secure Modem 56Kbps
 (replaces DB9 serial port if added)

Power Input

> Qty (2) 100A power input terminal blocks (+/- & G), -48 VDC

Power Output

> Qty (8) 20A outputs w/ 25A circuit breakers, push/reset, pull/break
 > Custom circuit breaker values: 5, 10, 15, 20, or 25-Amp

Communications & Security

> 10/100 BaseT Ethernet
 > HTTP/HTTPS
 > SSLv3/TLSv1
 > SNMPv2
 > SSHv2
 > Telnet
 > LDAPS/LDAPv3
 > TACACS+
 > RS-232 (Serial)
 > External Modem port RS-232, DB9F

Accessories

> Option C Integrated Global Secure Modem 56 Kbps
 > EMTH-1-1 Temperature and Humidity Probe, 10' (3m)
 > HDW-MBXT-2U 23" Mounting Brackets - 2U

Conformance & Agency Approvals

> TUV-GS EN60950-1
 > cTUVus-UL 60950-1:2003
 > CAN/CSA-C22.2 60950-1-03
 > FCC Class A, Part 15
 > CE
 > EMC to EN55022
 > Class A & EN55024

Dimensions

> 17" x 3.5" x 16" (W x H x D)
 (432mm x 89mm x 406mm)



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