

ENLOGIC: EN2954

60 A (48 A Derated) North America / 60 A International



METERED INPUT, SWITCHED OUTLET – EN2 SERIES

The Advantage Series Input Metered, Outlet Switched PDU family offers energy metering with advanced power and environmental monitoring options and remote outlet on/off switching. Comprehensive monitoring at the input phase offers advanced alerts of potential overloads. Billing-grade metering provides accurate power consumption data for energy use optimization. The network management controller features Gigabit and redundant ethernet communication with advanced support for external environmental sensors and rack security access solutions.

PDU Function

| | |
|-------------------------|---|
| Metering Attributes | Voltage (V), Current (A), Apparent Power (kVA), Real Power (kW), Power Factor, Energy (kWh) |
| Metering Accuracy | ±1% to ISO/IEC 62052-21 |
| Metering Locations | Input phase level measurement |
| Remote Outlet Switching | Yes |

Electrical Input

| | |
|--------------------------|--|
| Input Plug Type | IEC 60309 560P6/563P6 |
| Acceptable Input Voltage | 380-415 V, 3 Phase Wye |
| Input Current | 60 A (48 A Derated) North America / 60 A International |
| Input Frequency | 50/60 Hz |
| Max Input Power | 34.6 kVA North America / 41.4 kVA International |

Electrical Output

| | |
|--------------------------------|--|
| Output Voltage | 208 VAC North America / 230 VAC International |
| Overload Protection (Internal) | (9) 20 A, 1-Pole, 10 kAIC, Hy-Mag,"temp stable, hy-mag type" |
| Outlet Configuration | (9)C13/C15, (9)C13/C15/C19/C21 |

Physical

| | |
|--------------------------------|---|
| Chassis Dimensions (L x W x D) | 87 x 444 x 269 mm (3.43 x 17.48 x 10.59 in) |
| Depth At Circuit Breaker | 269 mm (10.59 in) |
| Input Cord Length | 1.8 m (6.0') |

Environmental

| | |
|------------------------------------|--|
| Operating/Storage Temperature | –5 to 60°C (23 to 140°F)/–20 to 60°C (–4 to 140°F) |
| Humidity (Operating/Storage) | 5–90% RH/5–95% RH; non-condensing |
| Max Operating Elevation, Above MSL | 3,000 m (9,840 ft) |

Compliance

| | |
|------------------------|--|
| Safety & Environmental | IEC 62368 listed. RoHS, and REACH compliant. See drawing for additional information. UL 2900-1 certified for safety software cybersecurity for network-connectable products. |
|------------------------|--|

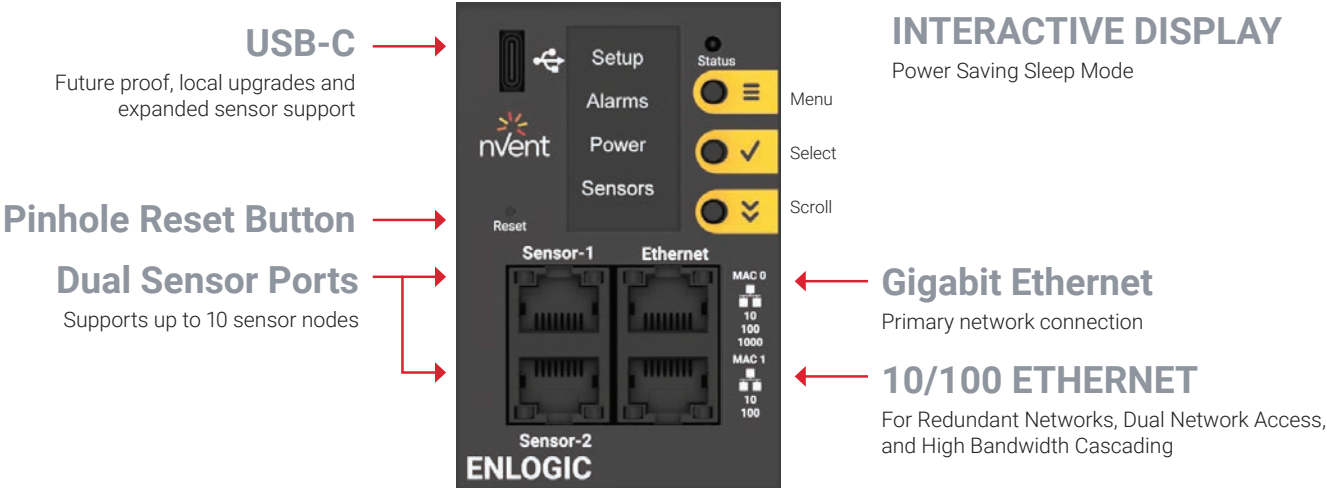
ADVANCED NETWORK MANAGEMENT MODULE – ADVANTAGE SERIES

Network Connectivity

| | |
|-----------------------|---|
| Network Connectivity | Dual ports: 1 x Gigabit Ethernet (10/100/1000 Mbps) and 1 x (10/100 Mbps) connection/IP address |
| Ethernet Cascading | “Daisy-Chain” up to 64 units, sharing single Ethernet connection/IP address |
| DC Power Sharing | Each PDU can provide DC power sufficient to power network management electronics |
| Dual Ethernet Support | Dual Ethernet ports for redundant network communications |
| Dual Network Access | Dual Ethernet ports for redundant network communications |
| Remote Connectivity | HTTP(s), IPv4 and IPv6, SSH, Virtual Serial, SNMP (v1, v2c, v3), JSON-RPC, LDAP(S) |
| WebUI Interface | Data efficient REACT framework with native mobile device support |

Management Module Attributes

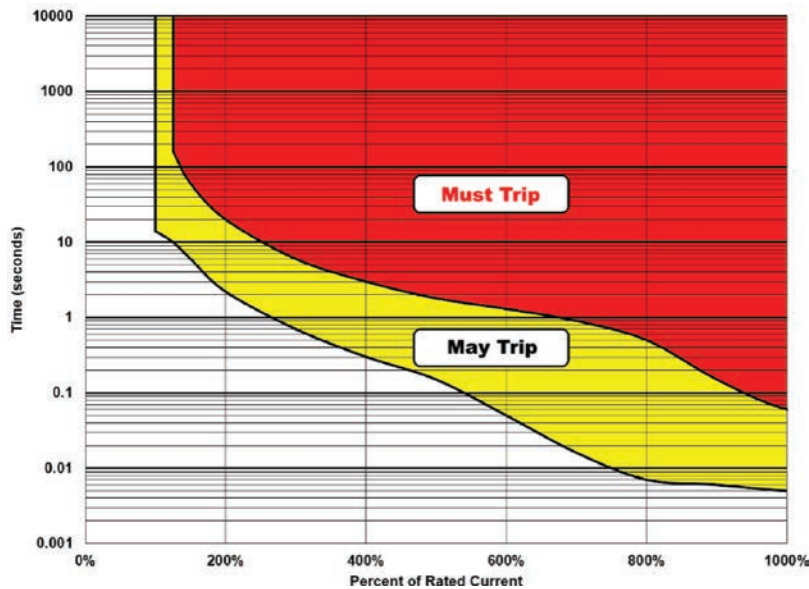
| | |
|---------------------------|---|
| Microprocessor/Memory | Cortex A-5 |
| User Display | Low-power graphical oLED with user controls for local information |
| Display Language | English, Spanish, German, French, Italian, Korean, Japanese, Chinese (simplified) |
| Sensor & Security support | Supports up to 10 digital sensor for environmental sensor and/or electronic locks |



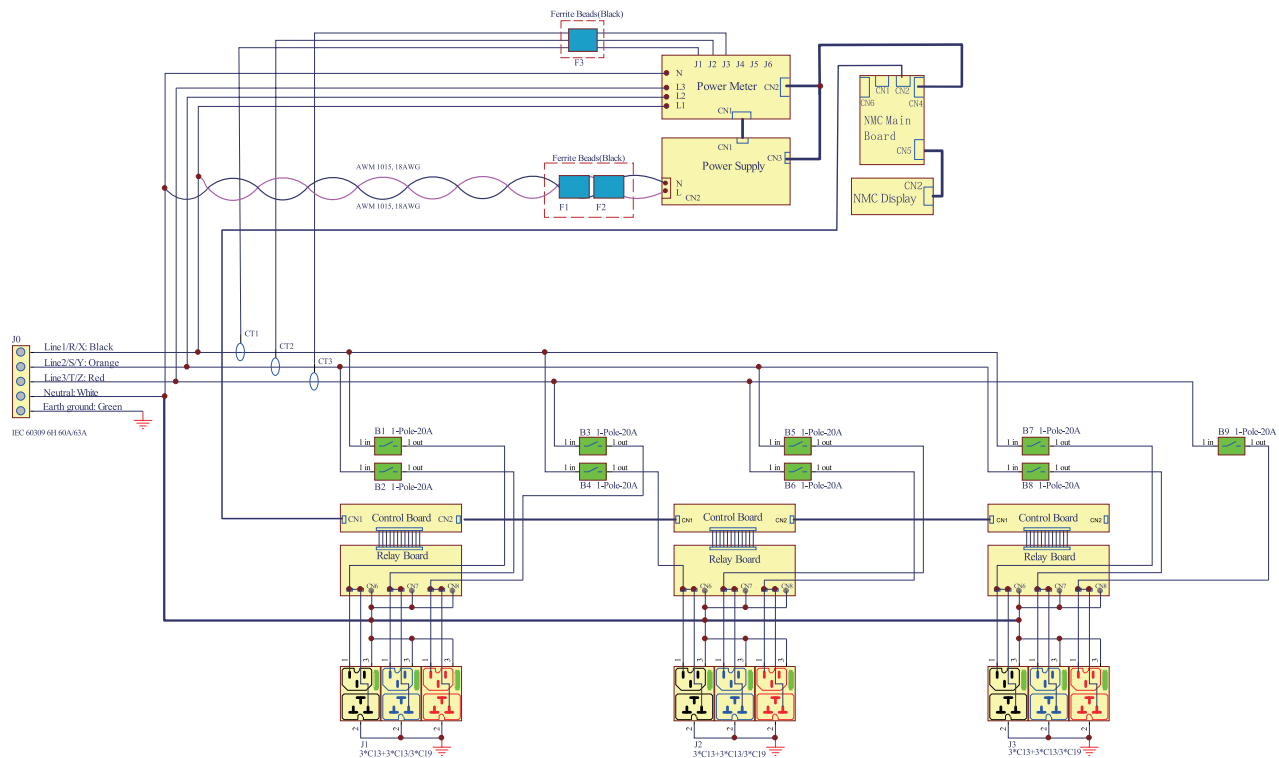
OVERCURRENT PROTECTION

Circuit Breaker Configuration

| | |
|----------------------------|---|
| Circuit Breaker Type | (9) 20A, 1-Pole, 10 kAIC, "temp stable, hy-mag type" |
| Circuit Interrupt Rating | 10 kAIC |
| Circuit Breaker Trip Curve | Sensata Trip Curve 62/Carling Trip Curve 24 |
| Inrush Pulse Tolerance | 10 times rated current (approx.) |
| Dielectric Strength | 3,750 VAC, 60 Hz, 60 seconds between all electrically isolated terminals |
| Vibration | Shall not trip when vibrated to MIL-STD-202, Method 204, Condition A, 100% load |
| Temperature Rating | -40 to 85°C (-40 to 185°F) Ambient |
| Handle Off Guard | Yes, Protects against accidental user actuation to OFF position |



LINE DIAGRAM



INTERNAL WIRING SCHEMATIC

Environmental Sensors

| | |
|--------|---|
| EA9102 | Single Temperature Probe |
| EA9103 | Temperature and Humidity Combo Sensor |
| EA9105 | 3 x Temperature and Humidity Combo Sensor |
| EA9106 | Sensor Input Hub (3 sensors input to PDU) |
| EA9109 | Magnetic Door Switch (open/close) |
| EA9110 | Dry Contact Cable (for third party sensors) |
| EA9111 | Spot Fluid Leak Sensor |
| EA9112 | Rope Fluid Leak Sensor |

WARRANTY AND DISCLAIMER

Warranty

nVent Enlogic branded equipment provided shall be free from manufacturing defects for a period of five (5) years from the invoice date to the original purchaser. For full warranty details, please visit www.nVent.com/data-solutions/warranty-registration.

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