



Input Metered, Outlet Switched PDU Data Sheet – Advantage Series

The EN2325 Input Metered, Outlet Switched PDU combines energy metering, power and environmental monitoring with remote outlet on/off switching to monitor, protect, and manage the rack environment. Utility grade metering at the phase input and internal circuit breaker levels provides comprehensive overload monitoring. Outlet power-up sequencing protects against inrush current overload and allows users to define equipment boot-up order and timing. While remote on/off control allows authorized users to power-cycle remote equipment and implement rack-level power access controls to power on/off each outlet. Advanced network management features allow for remote access and integration with accessories including environmental monitoring and 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 and circuit breaker measurements |
| Remote Outlet Switching | Yes |
| Electrical Input | |
| Input Plug Type | IEC 60309 332P6 |
| Acceptable input voltage | 200-240VAC, 1ph |
| Input current (<i>phase</i>) | 32A |
| Input frequency | 50/60 Hz |
| Max Input power | 7.68 kVA @ 240 VAC |
| Electrical Output | |
| Output voltage | 230 V |
| Maximum output current (<i>phase</i>) | 32A |
| Overload protection (<i>internal</i>) | (2) 1-pole, 16A hydraulic-magnetic circuit breakers |
| Outlet configuration | (20)C13, (4)C19 |
| Physical | |
| Chassis Dimensions (L x W x D) in | 68.9 x 2.05 x 2.09 |
| Depth at circuit breaker, in | 2.087 |
| Input cord length | 10' |
| Environmental | |
| Operating Temperature | -5 to 60°C (23 to 140°F) |
| Storage Temperature | -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 | CE, Demko Certified to IEC/EN60950-1, RoHS, REACH |

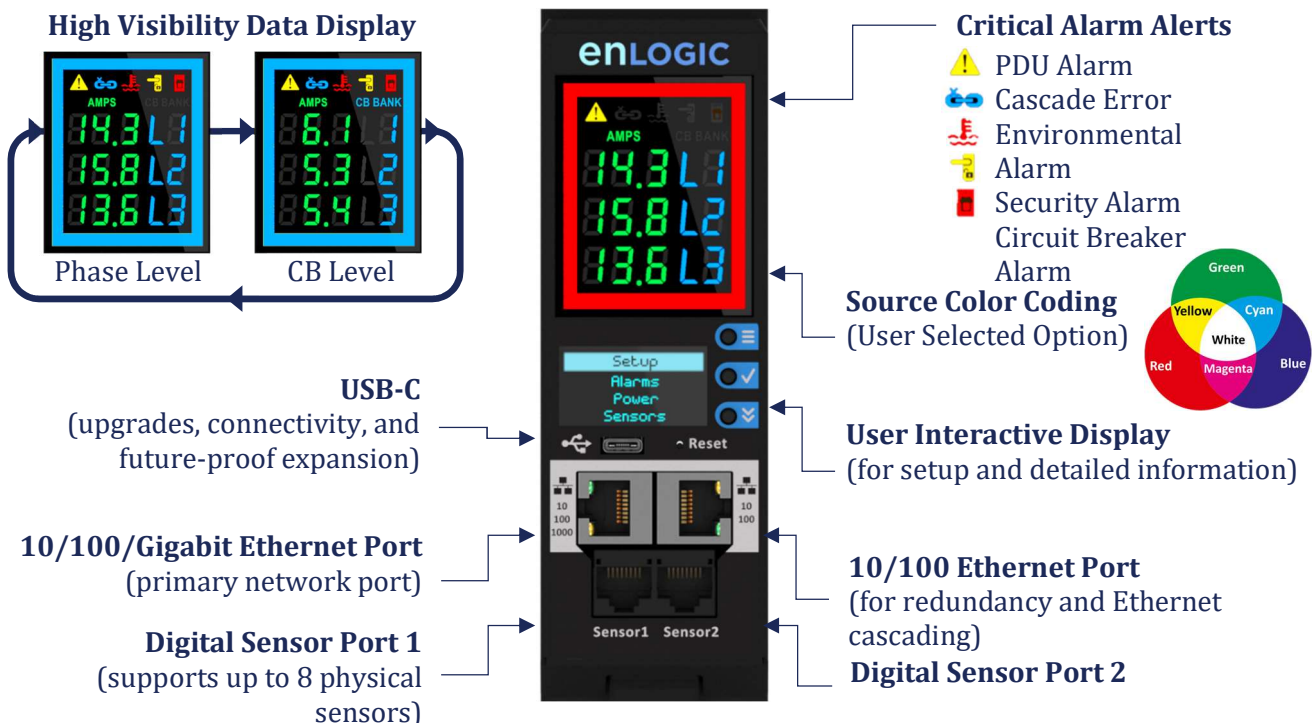
Advanced Network Management Module – Advantage Series

Network Connectivity

| | |
|-----------------------|---|
| Network Connectivity | Dual ports: 1x Gigabit Ethernet (10/100/1000 Mbps) and 1x (10/100 Mbps) connection/IP address |
| Ethernet Cascading | Up to 64 units share a single “daisy-chain” 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 network connectivity allows redundancy and/or multiple stakeholder connectivity |
| 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

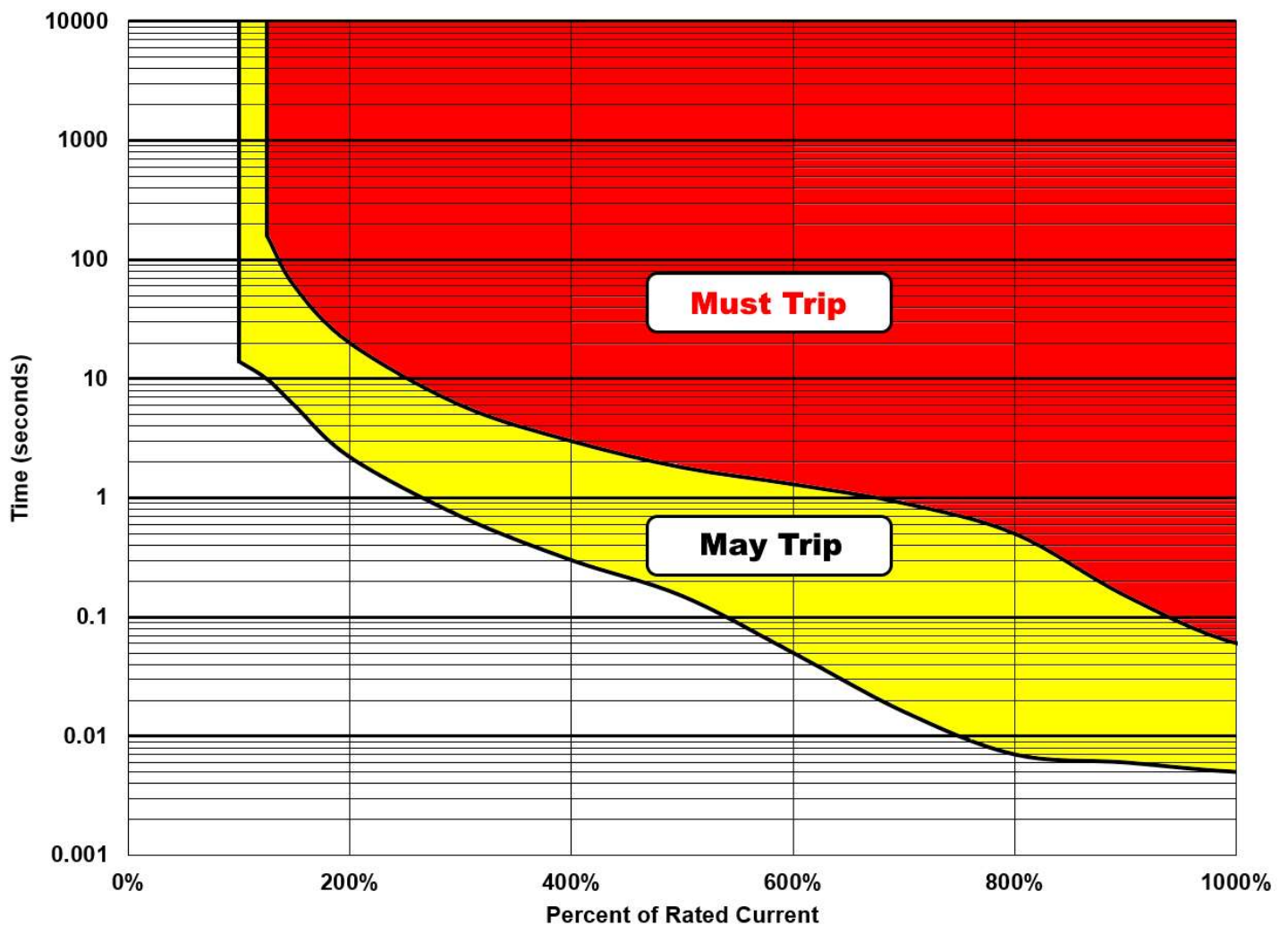
| | |
|-----------------------|--|
| Microprocessor/Memory | Cortex A-5 |
| Field Replacement | Hot swap replaceable module; fast plug-and-play connectivity |
| Module Orientation | Tool-less removal and 180° install capable for top or bottom power cord orientation |
| User Display | Dual Displays: large high visibility LED display for key metering information and alarms. Low-power graphical oLED with user controls for local information. |
| Display Language | English, Spanish, German, French, Italian, Korean, Japanese, Chinese (simplified) |
| Lighted Color Code | User programmable color border allows power source identification by PDU |
| Sensor & | Supports up to 8 digital sensors for environmental sensors and/or electronic locks |



Overcurrent Protection

Circuit Breaker Configuration

| | |
|----------------------------|---|
| Circuit Breaker Type | (2) 1-pole, 16A hydraulic-magnetic circuit breakers (temperature stable) |
| Circuit Interrupt Rating | 5,000 Amps (UL489) |
| 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, 60Hz, 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 |



| | |
|--------|---|
| EA9102 | Single Temperature Probe |
| EA9103 | Temperature and Humidity Combo Sensor |
| EA9105 | 3x 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 |
| EA9116 | Smoke Alarm Sensor |

Warranty and Terms

Warranty

CIS Global warranties Enlogic brand 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.enlogic.com/warranty.



Disclaimer

Copyright © 2019, CIS Global LLC and/or its affiliates. All rights reserved. This document is provided for information purposes only and current at the time of publishing; the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission. Enlogic is registered trademark of CIS Global LLC and/or its affiliates.

About CIS

CIS Global has delivered superior product development, manufacturing, and logistics management since 1955 to small and large customers across the globe. We specialize in data center products including mechanical motion and power management solutions. As world market share leader in precision server rails and OEM market share leader in PDUs, CIS designed and built products are found in nearly every data center worldwide

CIS has more than 20 years' experience manufacturing more than 2-million best-in-class PDUs. CIS acquired Enlogic in 2015 and remains dedicated to providing the industry's most innovative power management solutions build with the highest manufacturing quality.

| Americas | Europe/Middle East | Australia & New Zealand | Asia | |
|---------------------|---------------------|-------------------------|---------------------|-------------------------------------|
| USA | UK | Australia | Hong Kong | India Taiwan |
| +1 (636) 821 5200 | +44 (1905) 401700 | +61 (39) 9997303 | +852 (58) 016700 | +91 (800) 4430029 +886 (801) 491390 |
| AMERsales@cisww.com | EMEAsales@cisww.com | ANZsales@cisww.com | APACsales@cisww.com | |