ENLOGIC : EN5402

CONNECT AND PROTECT

16A , 380-415VAC, 3-phase

INPUT METERED PDU DATA SHEET - EN5 SERIES

The Advantage Series Outlet Metered PDU family offers energy metering with advanced power and environmental monitoring options. Comprehensive input phase and individual monitoring offers advanced alerts of potential overloads. Billing-grade metering provides accurate power consumption data for energy use optimization. The hot-swappable 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, circuit breaker, and individual outlet level measurements
Remote Outlet Switching	No

ELECTRICAL INPUT

Input Plug Type	516P6 (IP44)
Acceptable Input Voltage	380-415VAC, 3-phase
Input Current (Phase)	16A
Input Frequency	50/60 HZ
Max Input Power	11.0 kVA

ELECTRICAL OUTPUT

Output Voltage	220-240VAC
Overload Protection (Internal)	No Circuit Breaker
Outlet Configuration	18(C13),6(C19)

PHYSICAL

Chassis Dimensions (L x W x D)	1750.0 × 52.0 × 53.0 mm (68.90 × 2.05 × 2.09 in)
Depth At Circuit Breaker	
Input Cord Length	3m (9.84')

ENVIRONMENTAL

Operating / Storage Temperature	-5 to 60C (23 to 140F) / -20 to 60C (-4 to 140F)
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

ENLOGIC : EN5402

CONNECT AND PROTECT

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 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
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 & Security support	Supports up to 10 digital sensor for environmental sensor and/or electronic locks

ENLOGIC : EN5402

CONNECT AND PROTECT

ENVIRONMENTAL SENSORS

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

WARRANTY AND TERMS

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 https://enlogic.com/warranty.

Disclaimer

Copyright © 2023, 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 nVent

nVent is a leading global provider of electrical connection and protection solutions. We believe our inventive electrical solutions enable safer systems and ensure a more secure world. We design, manufacture, market, install and service high performance products and solutions that connect and protect some of the world's most sensitive equipment, buildings and critical processes. We offer a comprehensive range of enclosures, electrical connections and fastening and thermal management solutions across industry-leading brands that are recognized globally for quality, reliability and innovation. Our principal office is in London and our management office in the United States is in Minneapolis. Our robust portfolio of leading electrical product brands dates back more than 100 years and includes nVent CADDY, ERICO, HOFFMAN, RAYCHEM, SCHROFF and TRACER. Learn more at www.nvent.com.

Americas	Asia Pacific	Australia & New Zealand	Europe & Middle East	India
amersales@nvent.com	apacsales@nvent.com	anzsales@nvent.com	cis.emea.sales@nvent.com	indiasales@nvent.com

Our powerful portfolio of brands:
CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER

©2024 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners

nVent reserves the right to change specifications without notice..