

Product Datasheet

Product Name: Metered by Outlet Rack PDU

SKU:AKN532001U

Product Code:K43JWG7-16B0024C1828VSS01-9QT

Overview

The Apislogik Metered by Outlet rack PDU can monitor input parameters in real-time, such as current, voltage, frequency, power factor, power load, energy measurement, temperature, and humidity. The voltage and current accuracy is $\pm 0.5\%$. The power and energy accuracy is $\pm 1\%$. The measured data can be transmitted via the network port.

Features

■ Input

Support for IEC 60309, NEMA, UK, SCHUKO, HARTING, TEC etc.

Output

Support for C13, C19, C39, NEMA, UK, SCHUKO, IEC self-locking socket.

Hydraulic magnetic circuit breaker

Stable operation in environments with a temperature of 140°F/60°C. Provides respective protection for each branch of output. (Note: Not all models provide hydraulic magnetic circuit breakers)

■ Hot-swap LED indicator lights

Customers can replace hot-swap LED indicator lights without powering off the system. (Note: Not all models have hot-swap LED indicator lights)

Mounting method

Toolless mounting peg and bracket mounting, two types of mounting options are available for selection.

Hot-swap network management controller

User is allowed for NMC replacement without power down of the PDU. Apislogik NMC supporting、IPV4、IPV6、SNMP V1, V2c, V3、HTTP/S、Modbus TCP、SSH、SSL to TLS 1.3 options.



Ports and Cascading

Apislogik Metered by Outlet Rack PDU provide 2 RJ45 port, 2 RJ11 port ,USB-A,USB-C. 2 RJ45 ports include two 1000M adaptive Ethernet ports and two 485 cascade ports. Allows 32 slaves to cascade or 1 master to 32 slaves to cascade. Maximum of 33 PDUs share one IP address.

The two RJ11 ports include 1 temperature and humidity sensor port, leakage sensor, smoke sensor and alarm port.

USB-C connect to laptop for quick configuration to set the data, USB-A port inset flash to batch upgrade firmware.

LCD display

graphical display, Allows local access, providing user interactive display of voltage, current or active power, alarms, configuration information, and more.

Alarms and logs

Apislogik Metered by Outlet Rack PDU provides real-time remote monitoring of connected loads. Configurable alarm thresholds that provide network and visual alarm to help avoid circuit overloads.

In the Logs are the events which have occurred most recently and the dates and times they occurred. A maximum of 10000 events are saved and shown at in the logs.

Specifications

	Input Parameters
Input voltage	208 V 3-phase;3W+G;50/60Hz
Max current (phase)	20A
Rate Current (Phase)	16A
Input frequency	50/60Hz
Power capacity	5.8KW
Input plug	NEMA L15-20P
Input wire	(118.11in) 4*12AWG
	Output Parameters
Output voltage	208 V AC
Max current(phase)	20A
Rate Current (Phase)	16A
Output frequency	50/60Hz
Outlets	(24) C39 Self-locking
	Protective Device
Circuit breaker	1
Hot-swap LED indicator	24

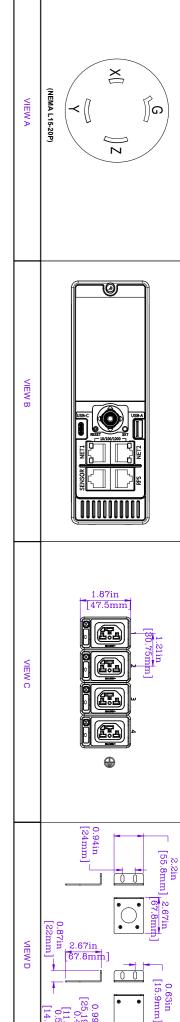


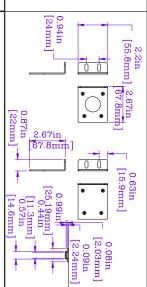
F	Physical Parameters
Rack mount	0U
Shell color	Black
Shell material	Aluminium Alloy
Power input method	Top feed
Mounting location	Dual-sided
Mounting mode	Bracket/Peg
Dimensions(H*W*D)	71.97 in*2.20 in*2.67 in 1828 mm*55.8 mm*67.8 mm
Net weight	14.3 lb 6.5 kg
Shipping	82.68 in*3.43 in*4.53 in
dimensions(H*W*D)	2100 mm*87 mm*115 mm
Env	ironmental Parameters
Operating elevation	0-10000 ft 0-3000 m
Operation Temperature	14°F~140 °F -10°C~60°C
Humidity(operation/storage)	5-95%RH, non-condensing
Storage Temperature	-4°F~158 °F -20°C∼70 °C
Storage elevation	0-50000 ft 0-15000 m
,	Compliance
Certification	CE、REACH、RoHS

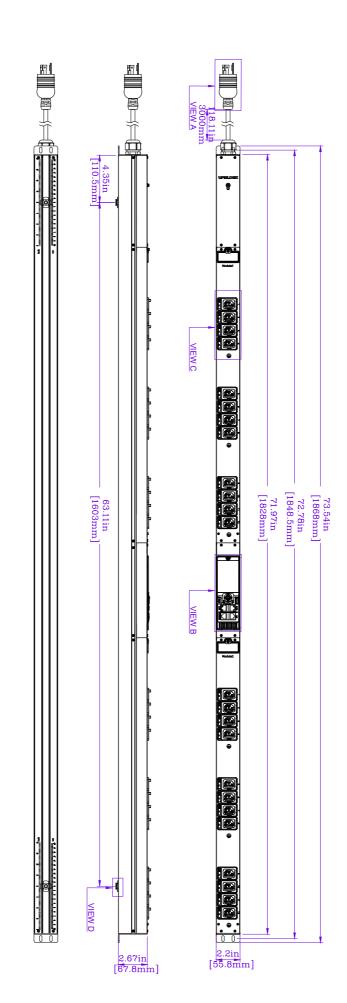
^{*} Product Characteristics subject to change without prior notice.

^{*} Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

		Version	History		
Version	Description	Draft	Review	Approval	Date
V1.2	First version	LQ LI	NAN LI	YH CHEN	15/5/2024







DESCRIPTION	First edition					
DRAWN	LQLI					
DRAWN CHECKEN APP'D DATE	NAN LI YH CHEN 17/5/2024					
APP'D	YH CHEN					
DATE	17/5/2024					
shall be used by the recipient only as opproved expressly by APISLOGIK. This document shall be returned to APISLOGIK upon its request.		APISLOGIK PROPRIETARY AND CONFIDENTIAL INFORMATION This document is the property of APISLOGIK and contains proprietary information of APISLOGIK.	ξSJ	CODES. 2 PLEASE REFER TO PRODUCT DOCUMENTATION FOR FURTHER INFORMATION.		
	C39:16A PER	INPUT:208 V 3-r	Enclosure Material:	Outlet: (36) C39 Se	Product Name:Mete	

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Metered by Outlet Rack PDU
in 4*12AWG

89 Self-locking
Rack Ut

3-phase;3W+PE;50/60Hz;16A AC;16A PER PHASE TOTAL ER OUTLET

Self-locking Rack Unit: DU Incoming Mode: Top Feed Mounting Location: Dual-sided alt-Aluminium Alloy Enclosure Color:Black



PRODUCT CODE	K43JWG7-16B0024C1828VSS01-9QT	MODEL	HW.045240517110 AKN532001U	DWG NO.
	1828VSS01-9QT		AKN532001U	SKU

828VSS01-9QT

DO NOT SCALE DRAWING

SHEET 1 OF 2

To A PA To B PA To	G 12AWG	ှ ၂		
TA SI-SZ Module2	2.56倒排 [2.256倒排]	G G G	L ₂ 12AWG	
	N OUT			
14AWG				
Module1				
	Current transformer Input /output	S1/S2	landing	PE
	Circuit breaker	СВ	jack	XX
	Hot plug lightning protection	п	Intelligent meter	PA
	Output	TUO	Current transformer	TA
	Input	₹	Terminal blocks	Ϋ́
	ā	Symbol Interpretation	Symbo	

REV.

First edition
DESCRIPTION

DRAWN CHECKEN

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APP'D

17/5/2024 DATE

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INPUT:208 V 3-phase;3W+PE;50/60Hz;16A
OUTPUT:208 V AC;16A PER PHASE TOTAL
C39:16A PER OUTLET

Product Name:Metered by Outlet Rack PDU Input: 118.11in 4*12AWG
Outlet: (36) C39 Self-locking Rack Under: (36) C39 Self-locking

Outlet: (36). C39 Self-locking Rack Unit: <u>OU</u> Incoming Mode: <u>Top Feed</u> Incoming Location: <u>Dual-sided</u>
Enclosure Material: <u>Aluminium Alloy</u> Enclosure Color: <u>Black</u>

PRODUCT CODE
K43,WG7-16B0024C1828VSS01-9QT

SHEET 2 OF 2

REV.

DO NOT SCALE DRAWING

K43JWG7-16B0024C1828VSS01-9Q1

MODEL

DWG NO. HW.045240517110

SKU AKN532001U

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NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL STATE AND LOCAL CODES

2. PLEASE REFER TO PRODUCT DOCUMENTATION FOR FURTHER INFORMATION.

3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES [MILLIMETERS]

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Note: The color of the connecting line is only for reference to the phase pole, and the actual color is subject to the actual material.

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