Product Datasheet

Product Name: Metered by Outlet with Switching Rack PDU

SKU:AKN666002U

Product Code:K45JWG3-48Z0030C1980JSS01-9QT

Overview

The Apislogik Metered by Outlet with Switching 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 ±0.5%. The power and energy accuracy is ±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 with Switching 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 with Switching 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.
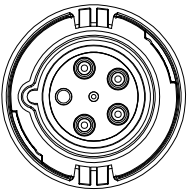
Specifications

Input Parameters	
Input voltage	346-415 Y/200-240 V 3-phase;3W+N+PE
Max current (phase)	60A
Rate Current (Phase)	48A
Input frequency	50/60Hz
Max Power capacity	43.13 KW
Input plug	IEC60309,3W+N+PE,63A,IP44
Input wire	3000mm 5*4AWG
Output Parameters	
Output voltage	200-240 V AC
Max current(phase)	60A
Rate Current (Phase)	48A
Output frequency	50/60Hz
Outlets	(30) C39 Self-locking
Protective Device	
Circuit breaker	12*20A/1P

Hot-swap LED indicator	30

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)	77.95 in*2.20 in*2.67 in 1980 mm*55.8 mm*67.8 mm
Net weight	18.1 lb 8.2 kg
Shipping dimensions(H*W*D)	82.68 in*3.43 in*4.53 in 2100 mm*87 mm*115 mm

Environmental 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

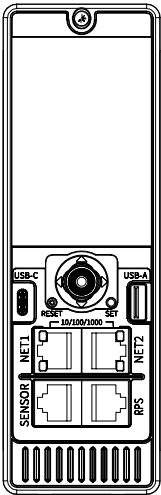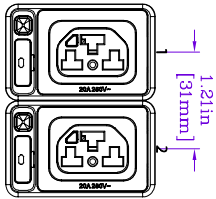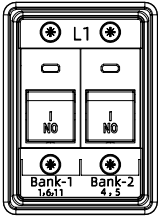|	
Certification	UL、REACH、RoHS

* 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	NAN LI	LQ LI	YH CHEN	7/29/2024

VIEW A

(IEC60309 3P+N+G,60A,IP67)

VIEW B

L1

NO   NO

Bank-1   Bank-2
1,6,11   4,5

20A 380V~

20A 380V~

1.21in
[31mm]

VIEW C

USB-C   USB-A

RESET   SET
10/100/1000

NET1   NET2

SENSOR   RPS

VIEW D

0.08in
[2mm]

0.44in
[11mm]

0.09in
[2mm]

0.07in
[2mm]

0.57in
[15mm]
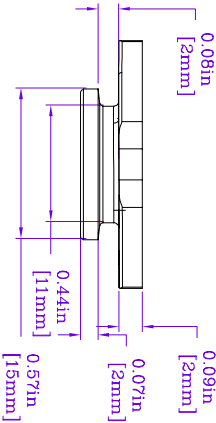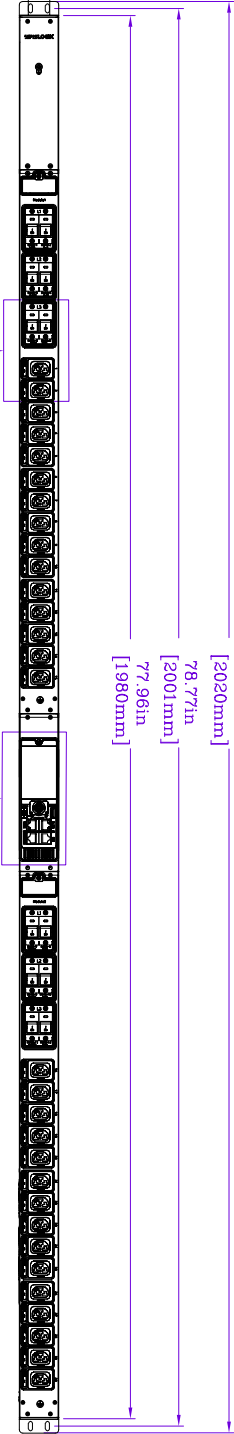
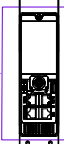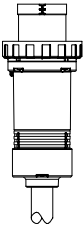79.54in
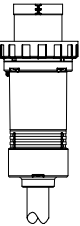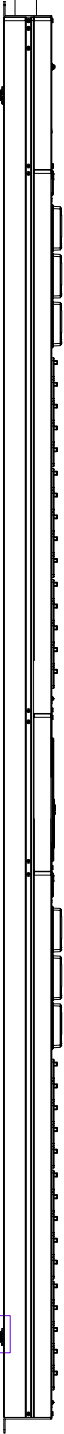[2020mm]

78.77in
[2001mm]

77.96in
[1980mm]

VIEW A

VIEW B

VIEW C

VIEW D

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].

Product Name:Metered by Outlet with Switching Rack PDU	
Input Cable :3m 5*4AWG	Rack Unit: 0U
Outlet: (30) C39 Self-locking	Incoming Mode:Top Feed
Circuit Breaker :(12) 20A/1P	Mounting Location: Dual-sided
Enclosure Material:Aluminium Alloy	Enclosure Color:Black
INPUT:346-415 Y/200-240 V 3-phase,3W+N+PE:50/60Hz,48A	
OUTPUT:200-240 V AC:16A PER BANK:48A PER PHASE TOTAL	
C39:16A PER OUTLET	

APISLOGIK

REV.	DESCRIPTION	DRAWN	CHECKEN	APP'D	DATE
E					
D					
C					
B					
A	First edition	NAN LI	LQ LI	YH CHEN	7/29/2024

DWG NO.	SKU
HW.0452407729602	AKN66002U

MODEL

PRODUCT CODE
K45JWG3-48Z0030C1980JSS01-9QT

DO NOT SCALE DRAWING

SHEET 1 OF 2

REV.
A