

Product Datasheet

Product Name: Metered by Outlet with Switching Rack PDU

SKU:AKN635067U

Product Code:K45JZG7-40B0048C1828LSS01-9QT

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 $\pm 0.5\%$. 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 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

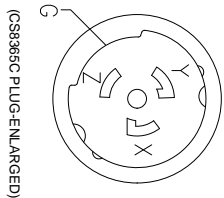
Input Parameters	
Input voltage	200-240 V 3-phase;3W+PE
Max current (phase)	50A
Rate Current (Phase)	40A
Input frequency	50/60Hz
Power capacity	14.4KW
Input plug	CS8365C PLUG-ENLARGED
Input wire	(70.87in) 4*6AWG
Output Parameters	
Output voltage	200-240 V AC
Max current(phase)	50A
Rate Current (Phase)	40A
Output frequency	50/60Hz
Outlets	(48) C39 Self-locking
Protective Device	
Circuit breaker	6*20A/2P

Hot-swap LED indicator	48
Physical Parameters	
Rack mount	0U
Shell color	Black
Shell material	Sheet Metal
Power input method	Top feed
Mounting location	Dual-sided
Mounting mode	Bracket/Peg
Dimensions(H*W*D)	71.97 in*4.33 in*2.52 in 1828 mm*110 mm*64 mm
Net weight	26.9 lb 12.2 kg
Shipping dimensions(H*W*D)	77.56 in*5.91 in*5.91 in 1970 mm*150 mm*150 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	CE、REACH、RoHS

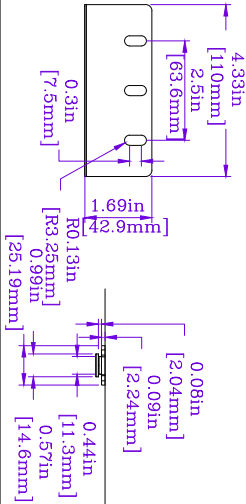
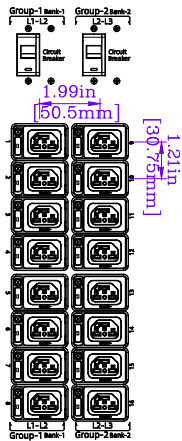
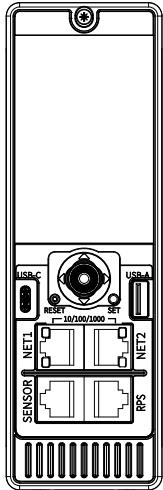
* Product Characteristics subject to change without prior notice.

* 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	NAN LI	LQ LI	YH CHEN	01/10/2024



(CS3856C PLUG-ENLARGED)

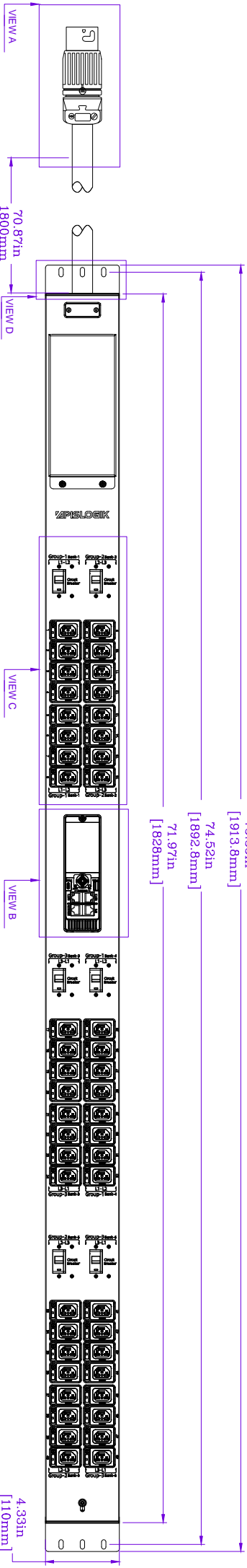


VIEW A

VIEW B

VIEW C

VIEW D

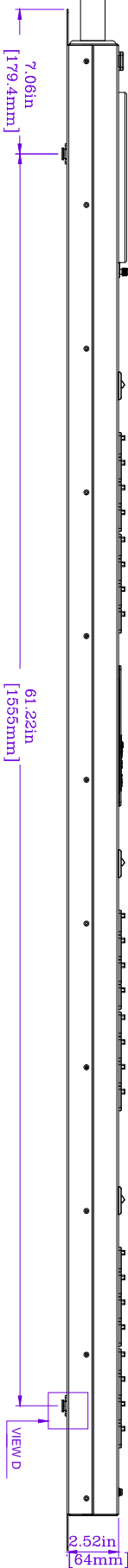


VIEW A

VIEW D

VIEW C

VIEW B



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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Product Name: Metered by Outlet with Switching Rack PDU

Input Cable: 70.87 in 4*6AWG

Outlet: (48) C39 Self-locking

Circuit Breaker: (6) 20A/2P

Enclosure Material: Aluminum Alloy

INPUT: 208 V 3-phase 3W+PE 50/60Hz 40A

OUTPUT: 208 V AC 16A PER BANK 40A PER PHASE TOTAL

C39: 16A PER OUTLET

DWG NO.

HW/0BJ241001604

MODEL

K4S12G1-40B0048C1828LS501-90T

PRODUCT CODE

K4S12G1-40B0048C1828LS501-90T

DO NOT SCALE

SHEET 1 OF 2

SKU

AKN635067U



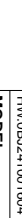
REV.

A

Symbol Interpretation			
XT	Terminal blocks	IN	Input
TA	Current transformer	OUT	Output
PA	Intelligent meter	F	Hot plug lightning protection
XS	jack	CB	Circuit breaker
PE	landing	SI/S2	Current transformer Input/output



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.

E						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: <u>Metered by Outlet with Switching Rack PDU</u>
					Input Cable: <u>70.87 in 4 AWG</u> Rack Unit: <u>0U</u> Outlet: <u>(48) C39 Self-locking</u> Circuit Breaker: <u>(6) 20A/2P</u> Mounting Location: <u>Dual-sided</u> Enclosure Material: <u>Aluminum Alloy</u> Enclosure Color: <u>Black</u>		
D							
C							
B							
A	First edition	NAN LI	LQ LI	YH CHEN	10/01/2024	APISLOGIK PROPRIETARY AND CONFIDENTIAL INFORMATION This document is the property of APISLOGIK and contains proprietary information of APISLOGIK. This document is loaned on the express condition that neither it nor the information contained shall be disclosed to others without the express written consent of APISLOGIK, and that the information shall be used by the recipient only as approved expressly by APISLOGIK. This document shall be returned to APISLOGIK upon its request.	INPUT: 208 V 3-phase 3W+PE 50/60Hz 40A OUTPUT: 208 V AC 16A PER BANK 40A PER PHASE TOTAL C39: 16A PER OUTLET
REV.	DESCRIPTION	DRAWN	CHECKEN	APPD	DATE		
<div><div></div><div><div>DWG NO.</div><div>HW/0BJ241001604</div></div><div><div>SKU</div><div>AKN635067U</div></div><div><div>MODEL</div><div>K4S1ZG7-40B0048C1828LS-S01-9QT</div></div><div><div>PRODUCT CODE</div><div>K4S1ZG7-40B0048C1828LS-S01-9QT</div></div><div><div></div><div>DO NOT SCALE DRAWING</div></div><div><div></div><div>SHEET 1 OF 2</div></div><div><div>REV.</div><div>A</div></div></div>							