



**Product:** [9PD3-301001](#)

**Power Monitored, 30 AMP 230/400V WYE 3 Phase 30 Outlet (24 - C13 Locking; 6 - C19 Locking) PDU with 3P+N+E (IP44) Plug**

### Product Description

Metered, Upgradeable, 30A, 230/400V WYE, 3 Phase, Vertical, (24) Locking IEC C13, (6) Locking IEC C19, breakered, 10 ft power cord with 3P+N+E (IP44), Input Phase and Circuit/Breaker current monitoring. Local high visibility LED display. Input and per Phase power monitoring available via VLC using the Mobile app. Black Powder Coat

### Technical Drawing

#### Belden PDU Specification



Part #: 9PD3-301001

**Description:**

Metered, Upgradeable, 30A, 230/400V WYE, 3 Phase, Vertical, (24) Locking IEC C13, (6) Locking IEC C19, breakered, 10 ft power cord with 3P+N+E (IP44), Input Phase and Circuit/Breaker current monitoring. Local high visibility LED display. Input and per Phase power monitoring available via VLC using the Mobile app. Black Powder Coat.

**Specification:**

1. Monitoring	Input Phase and Circuit/Breaker current monitoring. Local high visibility LED display. Input and per Phase power monitoring available via VLC using the Mobile app.
2. Monitoring Level 1	Aggregate - Total Unit Monitoring (kWh, W, VA, PF) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements
3. Monitoring Level 2	Phase (A, B, C) Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements
4. Monitoring Level 3	Circuit / Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy
5. Quantity Of Inputs	1
6. Voltage	230/400V WYE
7. Current	30A x 3 Phase WYE
8. VA per Input (Load Capacity)	16.6kW
9. Frequency	50/60 Hz

### Technical Specifications

#### Application

Product Overview:	Belden in-cabinet mounted power distribution units (PDUs) and environmental monitors and sensors are designed from high-quality components to support all your mission-critical applications. A key component of our data center ready solution (DCRS), Belden PDUs allow configuration of integrated and optimized hosting systems, including fiber/copper connectivity and cabling, cabinets, cable management and airflow management. They are designed to facilitate seamless integration into Belden racks and cabinets, and include multiple mounting options for maximized airflow and cable management in high-density servers or switch hosting applications. Paired with our extensive line of environmental monitors and sensors, which include alarm thresholds, reporting functionality and built-in intuitive web interface for remote access. Belden has everything you need to precisely monitor, analyze and log key parameters, enabling you to identify current fluctuations and quickly troubleshoot potential problems.
Features:	U-Lock IEC C13 and C19 receptacles feature an integrated locking mechanism built within the receptacle housing. The locking mechanism is protected against vibration and external elements that can easily dislodge external locking clips or guides. This self-contained locking mechanism works with any standard IEC plug.
Environmental Space:	Indoor

Power Distribution Type:	Power Monitored (P)
Monitoring (Local/Remote):	Amp (X,Y,Z)/No

## Construction and Dimensions

Height:	72.0 in
Width:	2.0 in
Depth:	2.25 in

## Electrical Characteristics

Input Volts (V)/Output Volts (V):	230/400 WYE/230
Amps/Phases:	30 x 3 Ph
Circuit breaker (Amp/Qty):	20/6D
De-Rated Power (kW):	16.6 kW

## Mechanical Construction

Plug Type:	4P, 5W
Total Receptacle:	30
Receptacle Type/Qty:	C-13L/24 + C-19L/6
Cord Length:	10 ft

## Mechanical Characteristics

Mounting:	Vertical
-----------	----------

## Environmental and Overall Characteristics

Finish:	Black Powder Coat
Material:	Steel
Color:	Black
Weight:	17.0 lb

## Related Part Numbers

Part Number:	9PD3-301001
Packaging:	Individually Boxed

## Variants

Item #	Color
9PD3-301001	Black

Update and Revision:	Revision Number: 0.42 Revision Date: 03-27-2024
----------------------	---

© 2024 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.