



Electrical Cabinet MINI-CAB Outdoor Single-phase 120 Vac 2x 15A Tandem Branches UL 67 SASD

Cabinets Technical Data Sheet

CPD05-N315A

Features

- UL67
- Several Breaker Combinations Available
- Compact Form Factor
- Integral Surge Protection
- Wall Mount

Applications

- Small Cells
- 5G Sites
- DAS Systems
- Electrical Main Panels
- Electrical Sub-Panels
- Load Expansion

Description

Electrical cabinet (also known as power distribution box) CPD05-N315A from L-Com is a UL67 power distribution box that accepts a 120 Vac Single-phase electrical service and distributes power to individual loads via 2x Tandem 15A circuit breakers. This electrical cabinet is equipped with a state-of-the-art SASD surge protector that provides lightning protection for downstream equipment to support long-term system reliability. L-Com electrical cabinets are available in stock with same day shipping.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Service Voltage		120		Vac
Maximum Continuous Operating Voltage (MCOV)				
L - N			150	Vac
Service Current Rating			30	A
Branch Breaker Rating		2x Tandem 15A		A
Breaker Type		QO		

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protection Modes		L-N		
8/20μs Surge Current			10	kA
Nominal Discharge Current Rating (In)		5		kA
VPR 8/20μs				
L - N			330	Vpk
SCCR (Short Circuit Current Rating)		10		kAIC

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Electrical Cabinet MINI-CAB Outdoor Single-phase 120 Vac 2x 15A Tandem Branches UL 67 SASD CPD05-N315A](#)



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Mechanical Specifications

Size

Outer Height	10.2in	[259.08 mm]
Outer Width	5.3 in	[134.62 mm]
Outer Depth	4.3 in	[109.22mm]
Weight	6 lbs	[2.72 kg]
Enclosure Material and Plating	16 Gauge Steel	

Installation

Mount Type	Wall Mount
Service Wiring Terminals	Compression Lug Copper #14 AWG to #4 AWG Aluminum #12 AWG to #3 AWG
Branch Wiring Terminals	Wall/H-Frame, Pole AWG to AWG
Status Indication Terminals	3-Position Screw Terminal #22 AWG to #16 AWG

Environmental Specifications

Temperature (Operating Range)	-20 to +65 deg C
Temperature (Storage Range)	-20 to +65 deg C
NEMA Rating	3R
Humidity	90% non-condensing

Compliance Certifications

UL Listed	UL 67 Listed, UL 1449 4th Ed
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Our portfolio includes cable assemblies, connectors, adapters and custom products, as well as their wireless product line which includes antennas, RF amplifiers, coaxial lightning and surge protectors, and NEMA rated enclosures.

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URL: [https://www.l-com.com/Electrical Cabinet MINI-CAB Outdoor Single-phase 120 Vac 2x 15A Tandem Branches UL 67 SASD-p.aspx](https://www.l-com.com/Electrical%20Cabinet%20MINI-CAB%20Outdoor%20Single-phase%20120%20Vac%202x%2015A%20Tandem%20Branches%20UL%2067%20SASD-p.aspx)

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CPD05-N315A CAD Drawing
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