

I10142L

Model Number: MN01D4W1-30PN63-3TL56A0A10-S-A
Category: Metered
Sub Category: Upgradeable
Power Configuration: 30A, 230/400V WYE, 16.6kW
Physical Configuration: 72in / 1829mm, Vertical



Description: The I10142L provides real-time power metrics to help prevent overloads and safely optimize load levels. Using Visible Light Communication (VLC) technology, I10142L optically transmits power usage data from its LED display to a handheld device over the Geist Mobile App, presenting comprehensive real-time power usage data down to the phase and circuit levels. With the Geists Upgradeable hot-swap technology, users may easily transform Metered PDUs to Monitored by replacing the Interchangeable Monitoring Device (IMD) module, without causing any interruption.

Product Summary: I10142L - Metered, Upgradeable, 30A, 230/400V WYE, 3 Phase, Vertical, (24) Locking IEC C13, (6) Locking IEC C19, Alternating Phase/Circuits, breakered, 10 ft power cord with L22-30P, Input Phase and Circuit/Breaker current monitoring. Local high visibility LED display. Input and per Phase power monitoring available via VLC using the Geist app. Black Powder Coat.

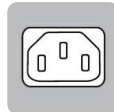
Monitoring: Input Phase and Circuit/Breaker current monitoring. Local high visibility LED display. Input and per Phase power monitoring available via VLC using the Geist app.

Plug Form:



L22-30P

Receptacle:



Locking IEC C13
(Quantity: 24)



Locking IEC C19
(Quantity: 6)

Chassis Colors Options:



Geist Americas

800.432.3219
geistglobal.com

Geist DCIM
1.877.449.4150
geistglobal.com

Geist Europe

+44 (0) 1823.275100
geistglobal.com

Geist Asia

China
+86.755.86639505
geistglobal.com

To discuss color options, contact your local sales representative.

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Product Specification and Options:

Monitoring	Input Phase and Circuit/Breaker current monitoring. Local high visibility LED display. Input and per Phase power monitoring available via VLC using the Geist app.
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
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
Monitoring Level 3	Circuit / Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy
VLC Support	Yes
Quantity Of Inputs	1
Voltage	230/400V WYE
Current	30A x 3 Phase WYE
VA per Input (Load Capacity)	16.6kW
Frequency	50/60Hz
Over Current Protection	(6) 20A Single Pole Magnetic Breakers
Switch	Breaker/Switch Combination
Scrolling / Rotatable Digital Display	Yes
Power Cable Wire Gauge	10/5
Power Cable Length	10ft
Power Entry Location	Bottom Front
Plug Type	NEMA L22-30P Twistlock
Combined Total Receptacle/Socket Quantity	30
Alternating Phase/Circuits	Yes
Receptacle/Socket Type #1	U-Lock IEC C13
- Quantity on Face	24
- Quantity per Breaker	4
- Quantity per Phase	8
- U-Lock Color ID	6 Circuit = Orange, Light Orange, Green, Light Green, Blue, Light Blue
- Style	Individual
- Voltage per Receptacle/Socket	230V
Receptacle/Socket Type #2	U-Lock IEC C19
- Quantity on Face	6
- Quantity per Breaker	1
- Quantity per Phase	2
- U-Lock Color ID	6 Circuit = Orange, Light Orange, Green, Light Green, Blue, Light Blue
- Style	Individual

- Voltage per Receptacle/Socket	230V
Internal RMS Voltage Sensor	Yes
Internal RMS Current Sensor	Yes
Maximum Operating Temperature	60C / 140F
Heavy Steel - Powder Coat Finish	Black
Configuration	72in / 1829mm Vertical Rackmount
7938 Vertical Mounting Bracket Kit	Yes
Toolless Mounting Hardware - Center to Center Spacing	61.25in and 64.75in
Made in the USA	Yes
Product Warranty	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
Certification/Agency Approvals	FCC Part 15 Class A Conformance
Certification/Agency Approvals	RoHS Compliant
Certification/Agency Approvals	UL & c-UL Listed 60950
Chassis Dimensions (LxWxD)	72in x 2in x 2.25in
Shipped Weight	17lbs (7.71kg)

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