

## NU30039L

|                                |                                |
|--------------------------------|--------------------------------|
| <b>Model Number:</b>           | MNU3EHW1-48MI13-3TL56A0A10-S-A |
| <b>Category:</b>               | Switched                       |
| <b>Sub Category:</b>           | Outlet Level Monitoring EC     |
| <b>Power Configuration:</b>    | 30A, 230/400V WYE, 16.6kW      |
| <b>Physical Configuration:</b> | 70in / 1778mm, Vertical        |



### Description:

The NU30039L provides IP-based monitoring and outlet control with quick access to real-time outlet-level power metrics and environmental sensor data. Using Visible Light Communication (VLC) technology, NU30039L optically transmits power usage data from its LED display to a handheld device using the Geist Mobile App, presenting comprehensive power usage data down to the phase and circuit levels. With the Geist Upgradeable hot-swap technology, users may easily upgrade PDUs to the latest available technology by replacing the Interchangeable Monitoring Device (IMD) module.

### Product Summary:

NU30039L - Switched, Outlet Level Monitoring EC, Upgradeable, 30A, 230/400V WYE, 3 Phase, Vertical, (42) Locking IEC C13, (6) Locking IEC C19, Alternating Phase/Circuits, breaker, 10 ft / 3m power cord with L22-30P, Input and Outlet power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display. Black Powder Coat.

### Monitoring:

Input and Outlet power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

**Plug Form:**



L22-30P

**Receptacle:**



Locking IEC C13  
(Quantity: 42)



Locking IEC C19  
(Quantity: 6)

**Chassis Colors Options:**



*To discuss color options, contact your local sales representative.*

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## Product Specification and Options:

|   |  |
|---|--|
| Monitoring                                | Input and Outlet power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display. |
| Input Monitoring                          | Total Unit Monitoring (kWh, W, VA, PF)<br>Phase (A, B, C) Monitoring (kWh, W, VA, PF, V, A)<br><br>Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements                       |
| Circuit Monitoring                        | Circuit / Breaker Monitoring (A)<br><br>Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy  |
| Outlet Monitoring                         | Outlet Monitoring (kWh, W, VA, PF, V, A)<br><br>Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements.   |
| Remote Power Management                   | Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up   |
| VLC Support                               | Yes  |
| Quantity Of Inputs                        | 1  |
| Voltage                                   | 200-240/346-415V WYE   |
| Current                                   | 30A x 3 Phase WYE  |
| VA per Input (Load Capacity)              | 16.6kW (230V)  |
| Frequency                                 | 50/60Hz  |
| Over Current Protection                   | (6) 20A Single Pole Magnetic Breakers (5kAIC Rated)  |
| Switch                                    | Breaker/Switch Combination   |
| Scrolling / Rotatable Digital Display     | Yes  |
| Indicators - LED(s)                       | 48   |
| Power Cable Wire Gauge                    | 10/5   |
| Power Cable Length                        | 10ft / 3m  |
| Power Entry Location                      | Bottom Front   |
| Plug Type                                 | NEMA L22-30P Twistlock   |
| Combined Total Receptacle/Socket Quantity | 48   |
| Alternating Phase/Circuits                | Yes  |
| Receptacle/Socket Type #1                 | U-Lock IEC C13   |
| - Quantity on Face                        | 42   |
| - Quantity per Breaker                    | 7  |
| - Quantity per Phase                      | 14   |
| - U-Lock Color ID                         | 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, 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, Green, Blue, Light Orange, Light Green, Light Blue                                    |
| - Style   | Individual  |
| - Voltage per Receptacle/Socket                       | 230V  |
| Network Connection                                    | Dual 10/100Mbps Ethernet  |
| Protocols Supported                                   | DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog                       |
| Data Access Formats                                   | CSV datalog, JSON API, JSON datalog   |
| USB Support   | Yes   |
| IP Reset Button                                       | Yes   |
| Hard Reboot Button                                    | Yes   |
| Remote Sensor RJ Connection Jacks                     | 1 (Supports up to 16 Sensors)   |
| Maximum Operating Temperature                         | 60C / 140F  |
| Heavy Steel - Powder Coat Finish                      | Black   |
| Configuration   | Zero U  |
| 7938 Vertical Mounting Bracket Kit                    | Yes   |
| Toolless Mounting Hardware - Center to Center Spacing | 61.25in and 64.75in / 1556mm and 1645mm   |
| 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)                            | 70in x 3.7in x 2.6in / 1778mm x 94mm x 66mm   |
| Shipped Weight  | 22lbs (9.98kg)  |

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