



The ModPower System brings safe and convenient power for flexible work spaces

Power Solutions for Flexible Spaces

Reimagine power and charging with the most flexible power system for commercial spaces. Connect up to six separate units that bring power and charging right to where people work and play. The Wiremold® ModPower System is easy to install, code compliant and a fast way to optimize any space for convenient power access. With several installation options, you can create the ideal design for your project. Perfect for in-office workstations, training areas, meeting rooms and more.

Features & Benefits

- **Modular, code-compliant power.**
Connect up to six of our power units together to create a system of power for training spaces, workstations or flexible workspaces.
- **Both in surface and on surface options.**
Choose the best fit for your space with either in surface or on surface solutions. On surface options can be mounted under or above table surfaces. In surface options include a bezel that hides the mounting screws for a cleaner look.
- **Features tamper-resistant receptacles.**
Models have three tamper-resistant receptacles to keep little fingers away from danger.
- **Easy installation.**
On surface units can be mounted using clamp (for a damage-free install) or can be installed using wood screws. Installation for the in-surface units is a snap: cut the opening, insert the unit, tighten the clamps, snap on the bezel and plug it in.
- **Less clutter, more functionality.**
A sleek slim design fits unobtrusively on work surfaces.
- **Stylish, aesthetically pleasing design.**
Available in two attractive finishes that match or complement any furniture style: white and magnesium. Included bezel hides the mounting screws for a cleaner look when in surface.
- **UL Spill Water Compliant.**
Passed UL 962A Spill Water Test requirements so it can even be used in a horizontal surface such as a tabletop.
- **FCC Compliance.**
This device complies with FCC Part 15, Subpart B. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Compliance



UL Listed to UL962A Supplement SD - Furniture Power Distribution Units for Portable (Moveable) Work Space Tables.

File Number E349493. Guide IYNC.

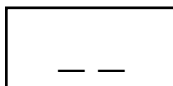
Product Family Configurator

Part Numbering Format: ALL units have (3) 15A receptacles and 1 USB A port and 1 USB C port



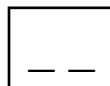
Prefix

MD – ModPower System



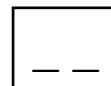
Unit Selection

SF – Primary unit, In Surface
 SA – Primary unit, On Surface
 CF – Middle unit, In Surface
 CA – Middle unit, On Surface
 EF – End unit, In Surface
 EA – End unit, On Surface



Cord Length

10 – 10' cord with NEMA plug (starter units only)
 3 – 3' connector cord (middle and end units only)



Color

WH – White
 MG – Magnesium

Example Part Number: MDSF10-WH - Starter Unit, In Surface, 10 foot cord, in white with three 15A receptacles, one USB Type-A port and one USB Type-C port

Product Specifications

PRIMARY UNIT

Electrical	
Outlets	Rated 15A, 125Vac
USB	USB 5Vdc, 3.1A Shared (USB A/C port)
Circuit Breaker	15A
Cord Set	
Input Cord	Cord Set 10' (3.05m), SJT 12/3, NEMA 5-15P
Output Cord	Cord Set 3' (.91m), SJT 12/3, female connector

MIDDLE UNIT

Electrical	
Outlets	Rated 12A, 125Vac
USB	USB 5Vdc, 3.1A Shared (USB A/C port)
Circuit Breaker	12A
Cord Set	
Input Cord	Cord Set 3' (.91m), SJT 12/3, male connector
Output Cord	Cord Set 3' (.91m), SJT 12/3, female connector

END UNIT

Electrical	
Outlets	Rated 12A, 125Vac
USB	USB 5Vdc, 3.1A Shared (USB A/C port)
Circuit Breaker	12A
Cord Set	
Input Cord	Cord Set 3' (.91m), SJT 12/3, male connector
Output Cord	N/A

Product Specifications (cont'd)

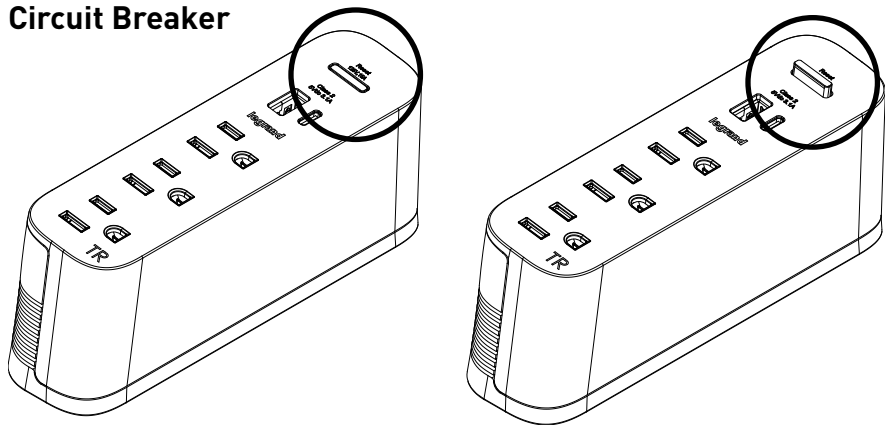
ALL UNITS

Mechanical	
On Surface	Clamp: Mounts to any material from 1/2" to 1 1/2" (12.7mm to 38.1mm) thick Screw In: Mounts to any material that is a 1/2" (12.7mm) or greater Mounts in vertical or horizontal position.
In Surface	Any material from 1/2" to 1 1/2" (12.7mm to 38.1mm) thick
System Specifications	
Units:	6 units maximum in each system
Length:	48.5 feet (14.8m) maximum in each system
Warranty	
Standard One Year	
3rd Party Compliance	
UL Listed to UL962A SD, the Standard for Furniture Power Distribution units for portable (Movable) Work space tables	

Code Information

Legrand is excited to bring to market the first product evaluated and listed to the new UL 962A Supplement SD. These products are designed to allow for the primary unit to be connected to a wall or floor outlet, via a non-detachable power supply cord. Up to (5) additional units may be connected to the primary unit via interconnecting cords that utilize grounding-type Non-NEMA style connectors. NEMA style plugs and receptacles, for example 5-15P, 5-15R, 5-20P and 5-20R, may not be used as part of the interconnecting cords to ensure that units are not plugged into a standard relocatable power tap or furniture power center.

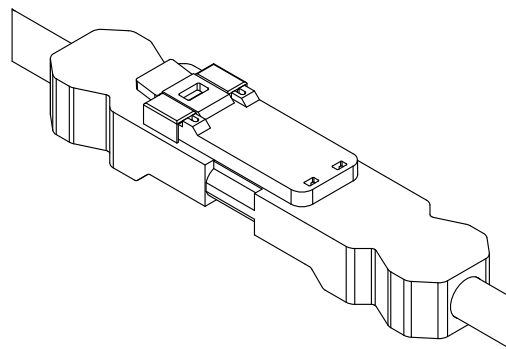
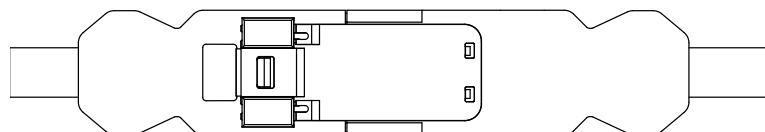
Circuit Breaker



You will notice that our units (primary, middle and end) all utilize a circuit breaker. UL962A Supplement SD requires that all furniture power distribution units for portable (moveable) workspace tables contain supplementary overcurrent protection.

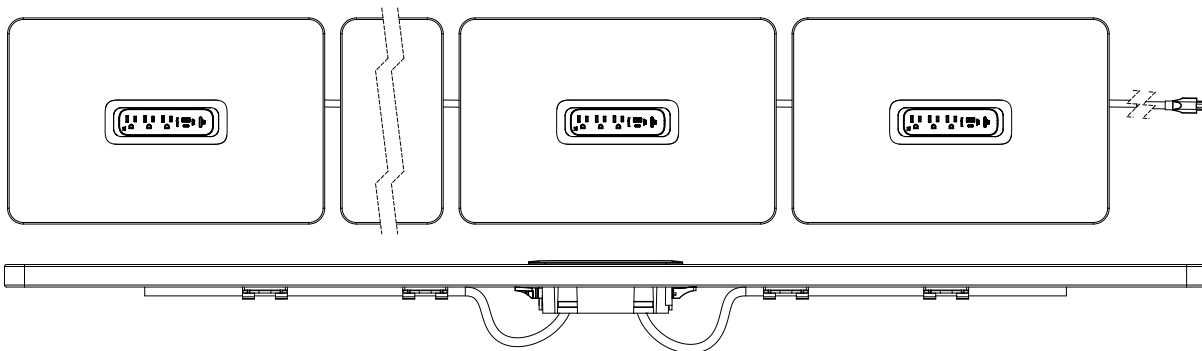
Connectors

Easy to use connectors that are touch-safe with an added latch to prevent unintended separation. To connect, push together. To disconnect, just press down on the latch

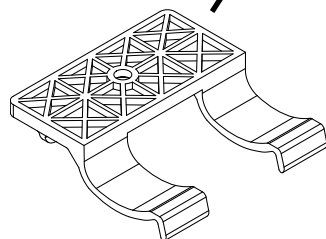
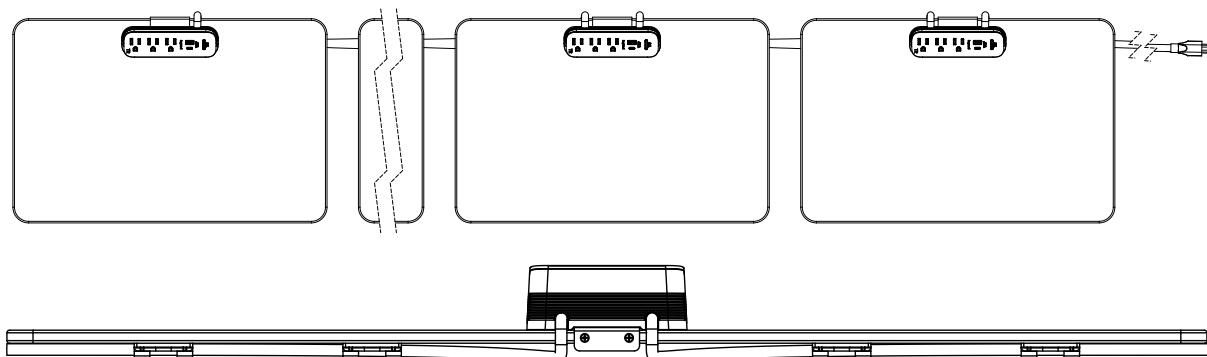


In surface and on surface system configuration with images of cord clips being used for cable management.

In Surface



On Surface

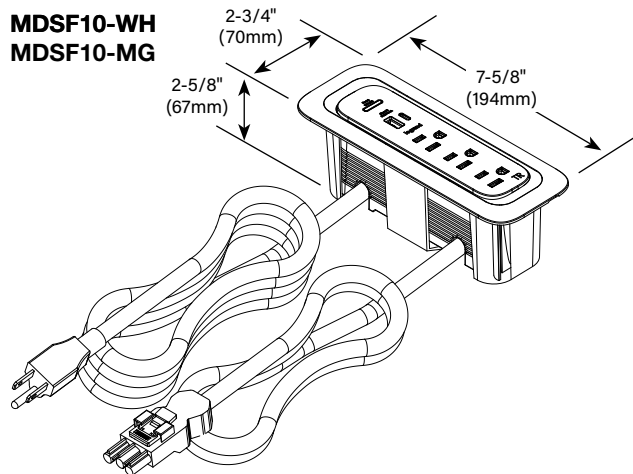


Cable Management Cord Clips:
 Included with each unit (2 clips per cord)
 and are available separately as packs of
 10 (MDCLIPS).

Ordering Information

Catalog No./Item

MDSF10-WH
MDSF10-MG



Description / Specifications

Primary Unit, In Surface – In Surface Primary Unit comes with 2 cords. The first cord is a 10 foot cord with a NEMA plug and the other is a 3 foot cord with a connector. Unit comes with (3) 15A tamper resistant receptacles, (1) USB A, (1) USB C port, and a circuit breaker.

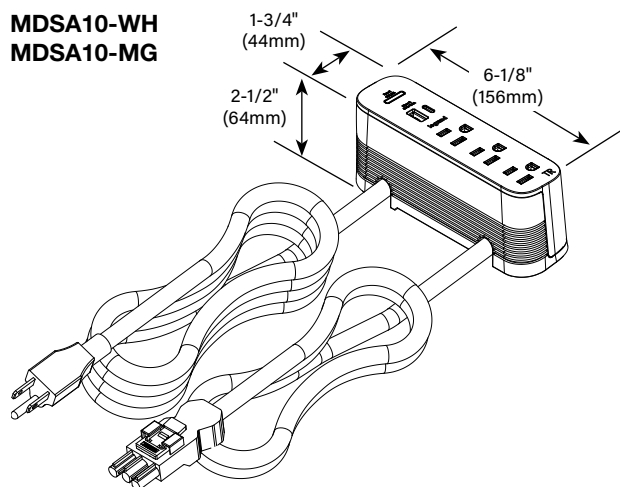
Each in surface unit comes with a mounting box to sit flush in a table. It will also come with 4 cord clips to assist with cable management.

Unit comes in either white (MDSF10-WH) or magnesium (MDSF10-MG).

Country of Origin: China

Catalog No./Item

MDSA10-WH
MDSA10-MG



Description / Specifications

Primary Unit, On Surface – On Surface Primary Unit comes with 2 cords. The first cord is a 10 foot cord with a NEMA plug and the other is a 3 foot cord with a connector. Unit comes with (3) 15A tamper resistant receptacles, (1) USB A, (1) USB C port, and a circuit breaker.

Each on surface unit comes with a clamp and 3 extra brackets for various mounting methods. It will also come with 4 cord clips to assist with cable management.

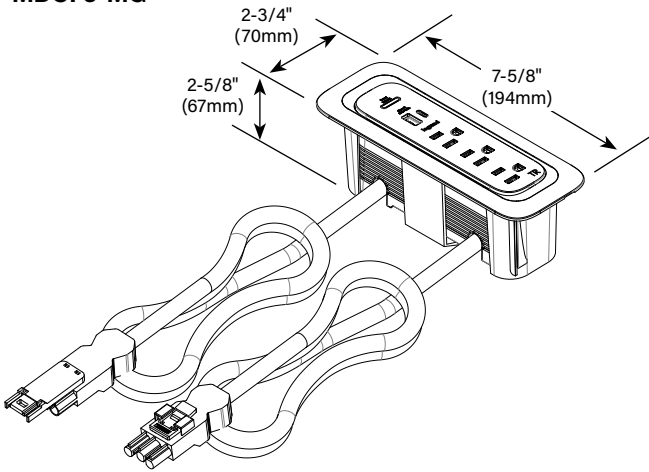
Unit comes in either white (MDSA10-WH) or magnesium (MDSA10-MG).

Country of Origin: China

Ordering Information

Catalog No./Item

MDCF3-WH
MDCF3-MG



Description / Specifications

Middle Unit, In Surface – In Surface Middle Unit comes with 2 cords. Both cords are 3 feet in length with a connector on both ends. Unit comes with (3) 15A tamper resistant receptacles, (1) USB A, (1) USB C port, and a circuit breaker.

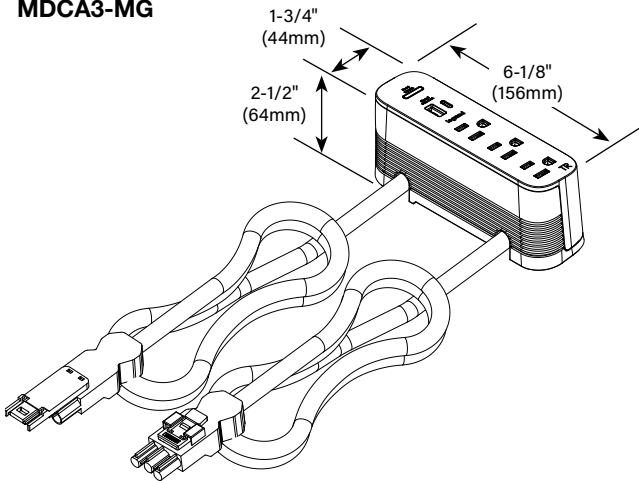
Each in surface unit comes with a mounting box to sit flush in a table. It will also come with 4 cord clips to assist with cable management.

Unit comes in either white (MDCF3-WH) or magnesium (MDCF3-MG).

Country of Origin: China

Catalog No./Item

MDCA3-WH
MDCA3-MG



Description / Specifications

Middle Unit, On Surface – On Surface Middle Unit comes with 2 cords. Both cords are 3 feet in length with a connector on both ends. Unit comes with (3) 15A tamper resistant receptacles, (1) USB A, (1) USB C port, and a circuit breaker.

Each on surface unit comes with a clamp and 3 extra brackets for various mounting methods. It will also come with 4 cord clips to assist with cable management.

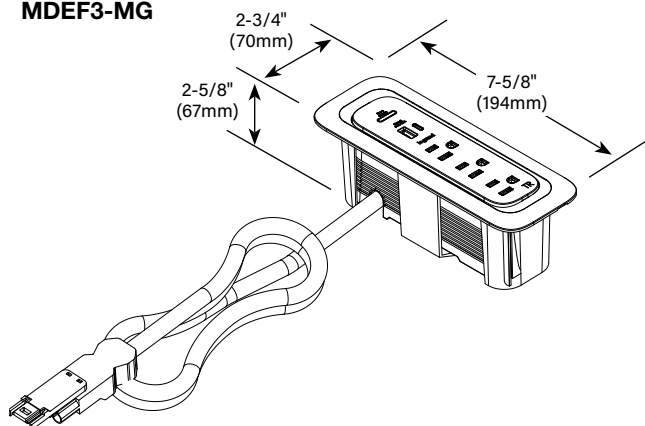
Unit comes in either white (MDCA3-WH) or magnesium (MDCA3-MG).

Country of Origin: China

Ordering Information

Catalog No./Item

MDEF3-WH
MDEF3-MG



Description / Specifications

End Unit, In Surface – In Surface End Unit comes with 1 cord. The cord has one connector, and this is utilized to finish the system. Unit comes with (3) 15A tamper resistant receptacles, (1) USB A, (1) USB C port, and a circuit breaker.

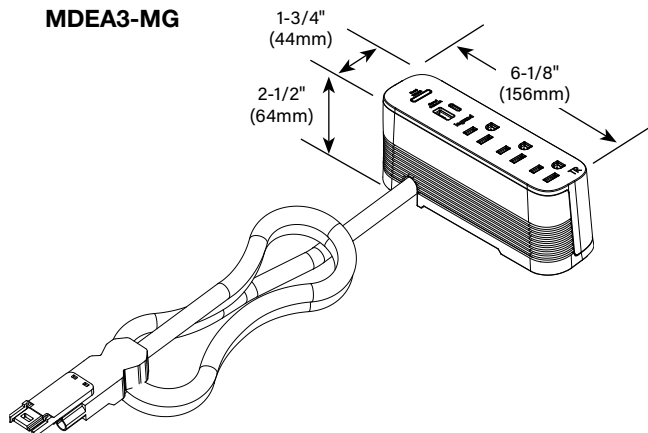
Each in surface unit comes with a mounting box to sit flush in a table. It will also come with 2 cord clips to assist with cable management.

Unit comes in either white (MDEF3-WH) or magnesium (MDEF3-MG).

Country of Origin: China

Catalog No./Item

MDEA3-WH
MDEA3-MG



Description / Specifications

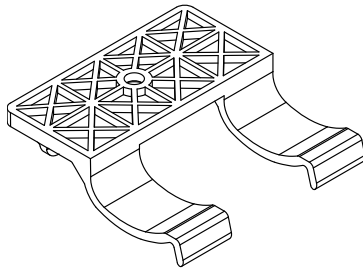
End Unit, On Surface – On Surface End Unit comes with 1 cord. The cord has one connector, and this is utilized to finish the system. Unit comes with (3) 15A tamper resistant receptacles, (1) USB A, (1) USB C port, and a circuit breaker.

Each on surface unit comes with a clamp and 3 extra brackets for various mounting methods. It will also come with 2 cord clips to assist with cable management.

Unit comes in either white (MDEA3-WH) or magnesium (MDEA3-MG).

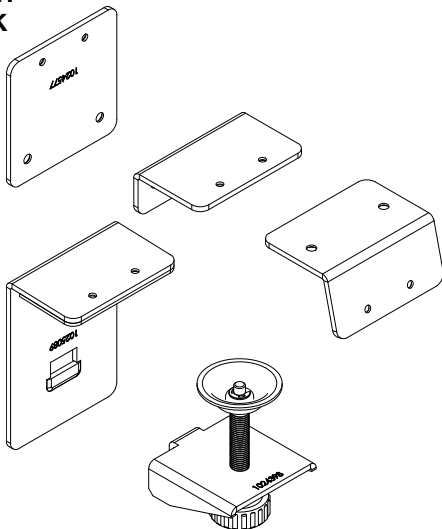
Country of Origin: China

Ordering Information

Catalog No./Item**Description / Specifications****MDCLIPS**

Cord Clips – Replacement bag of 10 mounting clips for cord management. Each ModPower unit includes cord clips in the box.

Country of Origin: China

Catalog No./Item**Description / Specifications****MDBKT-WH**
MDBKT-BK

On Surface Mounting Brackets – Replacement brackets for on surface mounting units. Brackets are available in either white (MDBKT-WH) or black (MDBKT-BK).

Country of Origin: China

Vertical Markets

- Commercial
- Education
- Hospitality

NOTE: All brand and product names referenced in this document are registered trademarks or trademarks of their respective holders.



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HOW TO MEET CODE WITH THE MODPOWER™ SYSTEM:

Understanding the Supplement SD Under UL 962A



The first and only code compliant modular power system.

For anyone working with office furniture, including facility teams and building owners, power is critical. It's important to find power products for workspace tables that can be quickly reconfigured so employees can maximize collaboration and productivity. This is where flexibility is key: People move. Equipment moves. Furniture moves. Power must be easy to change and relocate.

Until now, there were zero listed products for reconfigurable power applications, including those that install on or in furniture itself.

Each furniture power distribution unit was required to be directly connected to a wall or floor outlet. It wasn't uncommon to see daisy chain configurations with relocatable power taps or furniture power distribution units, especially around office furniture where power was needed for multiple workstations. But this was dangerous and violated the National Fire Code (NFPA 1) and Occupational Safety and Health Administration (OSHA) rules.

Daisy chaining violates the National Fire Code (NFPA 1) and Occupational Safety and Health Administration (OSHA) rules.

Products are marked with warnings against daisy chaining, yet it has been a common practice. Because most of these installations occur after the electrical inspector has finished his/her inspection, these violations are not easily discovered. These installations are unsafe and are known to cause fires.

NFPA 1, Section 11.1.4.2 states that "The relocatable power taps shall be directly connected to a permanently installed receptacle."

OSHA's standard at 29 CFR §1910.303(b)(2), Installation and use, requires that "Listed or labeled equipment shall be installed and used in accordance with any instructions included in the listing or labeling." Manufacturers and nationally recognized testing laboratories determine the proper uses for power strips.

Per UL 1363, the Standard for Relocatable Power Taps:

- A RPT is intended to be connected to a permanently installed branch circuit receptacle outlet.
- A RPT is not intended to be series connected (daisy chained) to other RPT or to extension cords

Per UL 962A, the Standard for Furniture Power Distribution Units:

- A FPDU is intended to be connected to a permanently installed branch circuit receptacle outlet.
- FPDU are not intended to be series connected (daisy chained) to other FPDUs to relocatable power taps or to extension cords.



designed to be better.



On June 12, 2020, a new UL Supplement was approved: Supplement SD - Furniture Power Distribution Units for Portable (Movable) Work Space Tables. This new Supplement SD is included under UL 962A – the ANSI/UL Standard for Furniture Power Distribution Units.

Now—products can be evaluated and listed as safe reconfigurable furniture power distribution assemblies by a Nationally Recognized Testing Laboratory. This ensures a safe solution is available for reconfigurable portable workspace tables in office areas.

Prior to June 12, 2020, no standard existed for listing this type of product. Legrand introduces the first and only code compliant option: the ModPower System.

Legrand is excited to bring to market the first product evaluated and listed to the new UL 962A Supplement SD. Here are some highlights of what this means and how to ensure the installation is compliant:



- The primary unit can be connected to a wall or floor outlet **via a non-detachable power supply cord.**
- Additional units may be connected to the primary unit via interconnecting cords that utilize **grounding-type non-NEMA style connectors.**
NEMA style plugs and receptacles, for example 5-15P, 5-15R, 5-20P and 5-20R, may not be used as part of the interconnecting cords to ensure that units are not plugged into a standard relocatable power tap or furniture power distribution unit.
- Legrand's primary unit is rated 125V, 15A. Supplement SD requires that all subordinate units be rated in compliance with **Table 210.21(B)(2) which limits the load to 80% of receptacle rating.** Therefore, all subordinate units in our system are rated 125V, 12A.
- All units, including primary, middle and end, utilize a circuit breaker. Supplement SD requires that all furniture power distribution units for portable (movable) workspace tables contain **supplementary overcurrent protection.**
This requirement was established to ensure that each unit would stop supplying power in the event of an overload or short circuit. The required supplementary overcurrent protection provides protection against fire and electrical injury.
- Supplement SD limits the overall length of modular assemblies to **50 feet.**
The measurement is taken from the outside surface of the last unit to the face of the plug on the primary unit's non-detachable power supply cord. Legrand has evaluated and listed our system to allow for the connection of (6) total units with a maximum length of 48.5 feet.

CODE MARKINGS

Supplement SD requires additional product markings to ensure that the product is installed and utilized in a safe manner.


- The cord tag contains the following text:

CAUTION: To Reduce the Risk of Shock or Fire – Use Only with LEGRAND'S FURNITURE POWER DISTRIBUTION UNIT (FPDU) for Movable Work Space Table Modules Only.

This requirement was adopted to prevent users from inadvertently connecting Legrand's product to that of another manufacturer. UL has only evaluated the safety and reliability of Legrand's complete assembly of furniture power distribution units for portable (movable) workspace tables.

- Supplement SD requires that the following warning be included on the cord tag of male interconnecting cords:

WARNING: Risk of Fire - The overall length of an extendable FPDU for a movable work space table including the power supply cord, all enclosures and all interconnecting cords shall not exceed ____ft (____m).

NOTE: This warning is to be preceded by the symbol 

- Supplement SD requires the following Caution text that may be on the cord tag or within the installation instructions:

CAUTION: Risk of Electric Shock. Do not plug into another relocatable power tap, an FPDU or an extension cord.

Legrand recognizes the importance of this caution text in preventing fires and has placed this marking on the cord tag near the plug on the non-detachable power cord.