MURRAY

Power Outlet Panels

Selection and Application Guide

Contents

Power Outlet Panel Types Available

❶ Surface

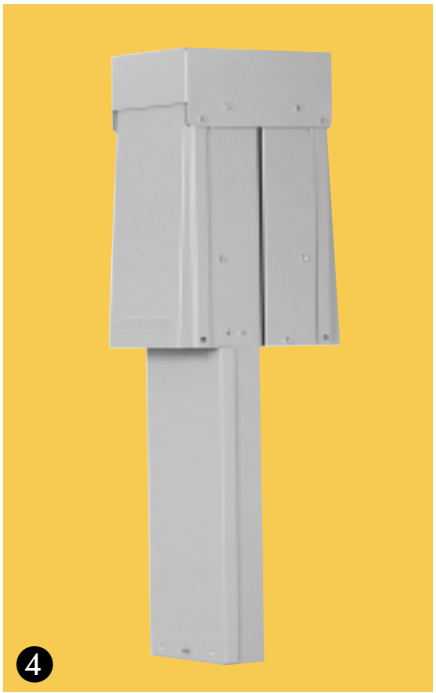
- Unmetered
- Ring Type Metered
  (Meter at top or bottom)
- Ringless metered
  (Meter at top or bottom)
- Lighted

❷ Earth Mount Pedestals

- Unmetered
- Ring Type (Metered)
- Ringless Type (Metered)
- Lighted
- Cable and Telephone
- Water

❸ Pad Mount Pedestals

- Unmetered
- Ring Type (Metered)
- Ringless Type (Metered)
- Lighted
- Cable and Telephone
- Water



❹ Back to Back Earth Mount Pedestals

- Unmetered
- Ring Type (Metered)
- Ringless Type (Metered)
- Lighted
- Cable and Telephone
- Water

❺ Back to Back Pad Mount Pedestals

- Unmetered
- Ring Type (Metered)
- Ringless Type (Metered)
- Lighted
- Cable and Telephone
- Water

National Electrical Code® Requirements

The need for easily accessible receptacles to provide electrical power for various types of portable equipment continues to rise as Americans build more homes and travel in recreational vehicles (RVs).

In order to satisfy the electrical power needs of temporary service and meet the requirements of the National Electrical Code, a safe and reliable power outlet is required.

Murray introduces a complete line of UL Listed power outlets suitable for use as temporary service equipment, RV power supply panels. These power outlets are in full compliance with the 1999 National Electrical Code, articles 305 and 551as shown.

Temporary Service

During the construction process, before the installation of permanent service, the various construction trades need access to electricity.

1999 NEC®, Section 305-3(a)

(a) During the Period of Construction.
Temporary electrical power and lighting installations shall be permitted during the period of construction, remodeling maintenance, repair, or demolition of buildings, structures, equipment, or similar activities.

Section 305-4(d)

(d) Receptacles. All receptacles shall be of the grounding type. Unless installed in a continuous grounded metal raceway or metal-covered cable, all branch circuits shall contain a separate equipment grounding conductor, and all receptacles shall be electrically connected to the equipment grounding conductors. Receptacles on construction sites shall not be installed on branch circuits that supply temporary lighting. Receptacles shall not be connected to the same ungrounded conductor of multiwire circuits that supply temporary lighting.

RV Power Supply

Recreational vehicles with portable equipment need a reliable and safe source of AC power when parked.

1999 NEC, Sections 551-71, 81, 46(c)

551-71. Type Receptacles Provided. Every recreational vehicle site with electrical supply shall be equipped with at least one 20-ampere, 125-volt receptacle. A minimum of 5 percent of all recreational vehicle sites, with electrical supply, shall each be equipped with a 50-ampere, 125/250-volt receptacle conforming to the configuration as identified in Figure 551-46(c). These electrical supplies shall be permitted to include additional receptacles that have configurations in accordance with the Section 551-81. A minimum of 70 percent of all recreational vehicle sites with electrical supply shall each be equipped with a 30-ampere, 125-volt receptacle conforming to Figure 551-46(c). This supply shall be permitted to include additional receptacle configurations conforming to Section 551-81. The remainder of all recreational vehicle sites with electrical supply shall be equipped with one or more of the receptacle configurations conforming to Section 551-81. Dedicated tent sites with a 15- or 20-ampere electrical supply shall be permitted to be excluded when determining the percentage of recreational vehicle sites with 30- or 50-ampere receptacles.

Additional receptacles shall be permitted for the connection of electrical equipment outside the recreational vehicle within the recreational vehicle park.

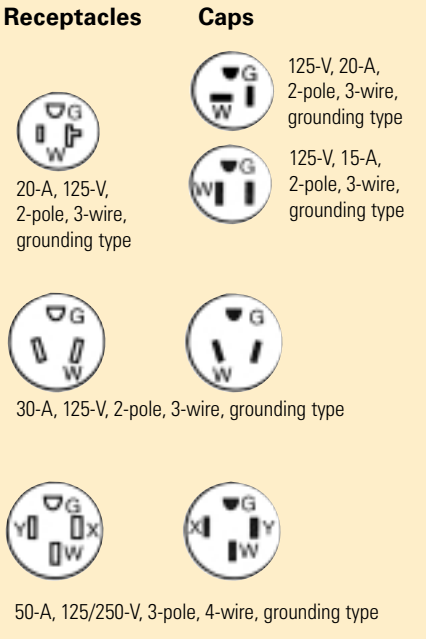
All 125-volt, single-phase, 15- and 20-ampere receptacles shall have listed ground-fault circuit-interrupter protection for personnel.

551-81. A receptacle to supply electric power to a recreational vehicle shall be one of the configurations shown in Figure 551-46 (c) in the following ratings.
(a) 50-Ampere. 125/250-volt, 50-ampere, 3-pole, 4-wire, ground type for 120/240-volt systems

(b) 30-Ampere. 125-volt, 30-ampere, 2-pole, 3-wire, ground type for 120-volt systems.
(c) 20-Ampere. 125-volt, 20-ampere, 2-pole, 3-wire, ground type for 120-volt systems.

FPN: Complete details of these configurations can be found in National Electrical Manufacturers Association's *Standard for Dimensions of Attachment Plugs and Receptacles,* ANSI/NEMA WD 6-1989, Figures 14-50, TT, and 5-20.

Figure 551-46(c) Configurations for grounding-type receptacles and attachment plug caps used for recreational vehicle supply cords and recreational vehicle lots.



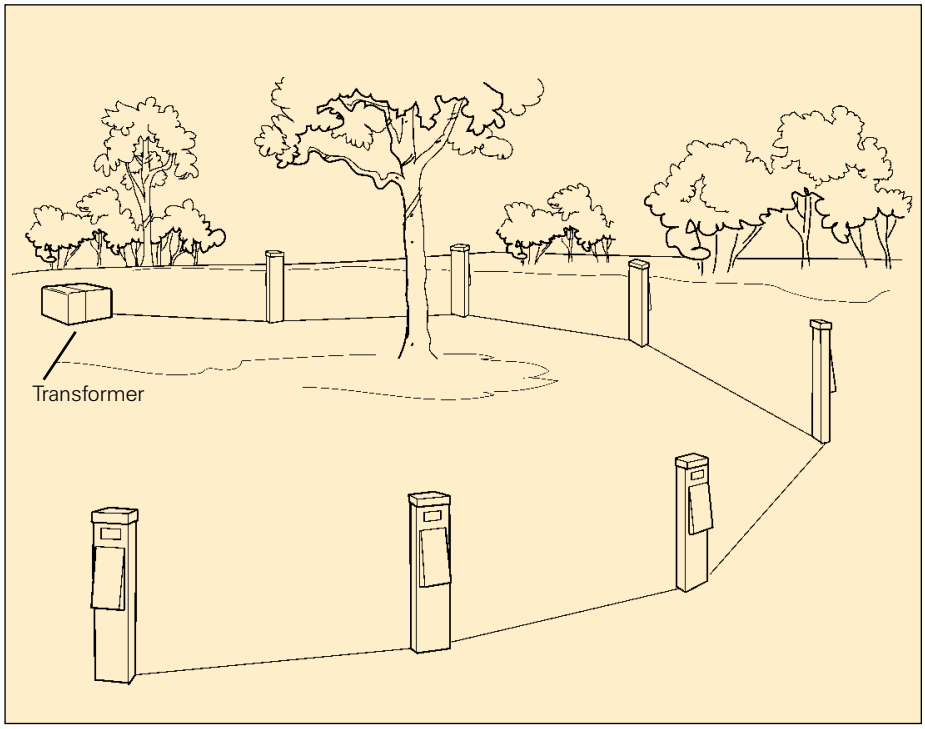
Types Of Systems

Whether you are laying out a loop-feed system or a radial-feed system, Murray can support your needs not only with what are considered to be the best power outlets in the industry, but also with the entire scope of electrical distribution equipment you are likely to need.

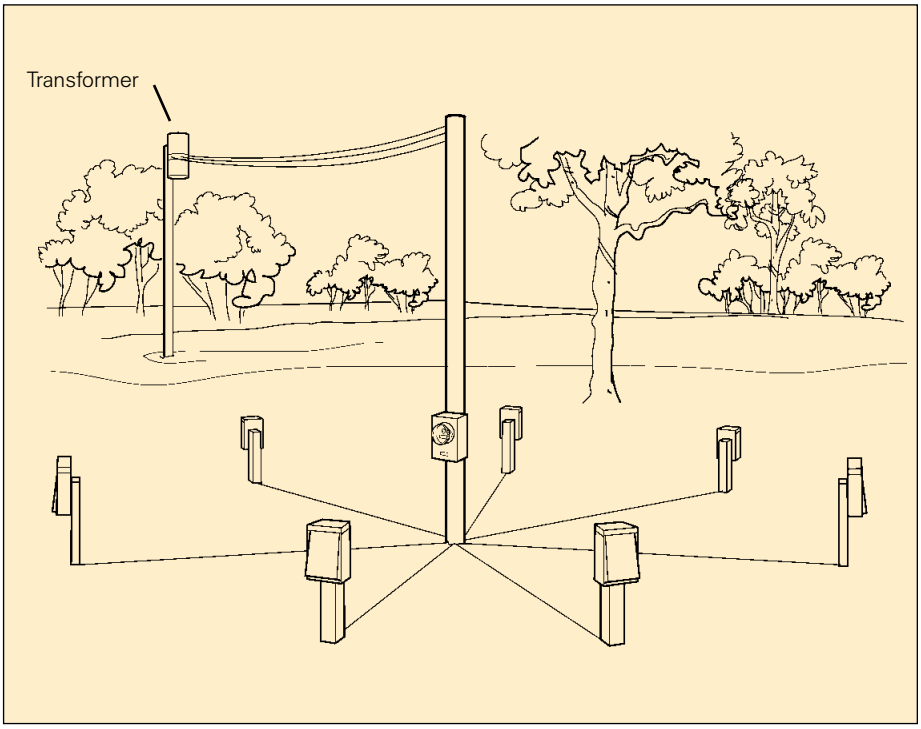
All Murray power outlets are 100% factory prewired with copper conductors and include commercial grade receptacles protected by reliable Murray circuit breakers. The devices are a rugged design manufactured with G90 galvanized steel and protected by a fade and scratch-resistant powder coat finish.

We invite you to customize your power outlet panel to specifically meet your temporary and/or RV site electrical distribution needs. If the power outlet you need is not listed in our standard offering, create your own panel by using the easy to read catalog numbering system on page six.

For orders greater than 75 units, we will powder coat the devices with the color of your choice; depending on the color, at no additional charge. We can also provide stainless steel enclosures. Please contact your Murray sales office for additional information.



Loop-Feed System



Radial-Feed System

Product Features

Enclosures

❶ Rainproof
Rainproof NEMA Type 3R construction.

❷ Quality Finish
All sheet metal components are powder coated with the highest quality finish and fabricated with G90 galvanized steel.

❸ Installation Ease
Three raised mounting embosses make installation a snap.

❹ Removable Deadfronts
Easily removable upper and lower deadfronts allow easy access to internal components for ease of installation.

❺ Theft Resistant
The padlock provisions and elevated upper deadfront design prevent unauthorized removal of the plugs or access to the circuit breakers.

❻ Meters Top or Bottom
Metered units are available with meters at the top or bottom.
- Ring and ringless type meter covers available.
- Utility grade, Landis & Gyr meter socket base.
- Units with meter at bottom are ideally suited for underground feeds.
- Meter sockets available to 125 amps maximum.

❼ Removable Door
Sloped door allows additional room for plugs, and is designed with aesthetic forms to add rigidity and sturdiness.

❽ Overhead/Underground Feeds
Surface devices have provisions for overhead and underground feeds.
- For an overhead feed, use a readily available Type RX interchangeable hub. Closure plate is factory included.
- For an underground feed, an extensive variety of easily removable knockouts are provided.

❾ Light Option
Lighted option to assist with nighttime site location and operation. Light provisions are the longest lasting and have the lowest operating cost in the industry.

Pedestals

❿ One-Piece Construction
Rigid, one-piece pedestal construction for all earth and pad mounted devices. Thoroughly tested for torsion and flexing resistance.

⓫ Block Assembly
Loop-feed block assembly provides connectors capable of accepting up to 350 kcmil conductors.

⓬ Pad Mount
Pad mounted devices are available. (not shown)

Interiors

⓭ Bus Bars
Plated copper bus bars provide the best protection against corrosion.

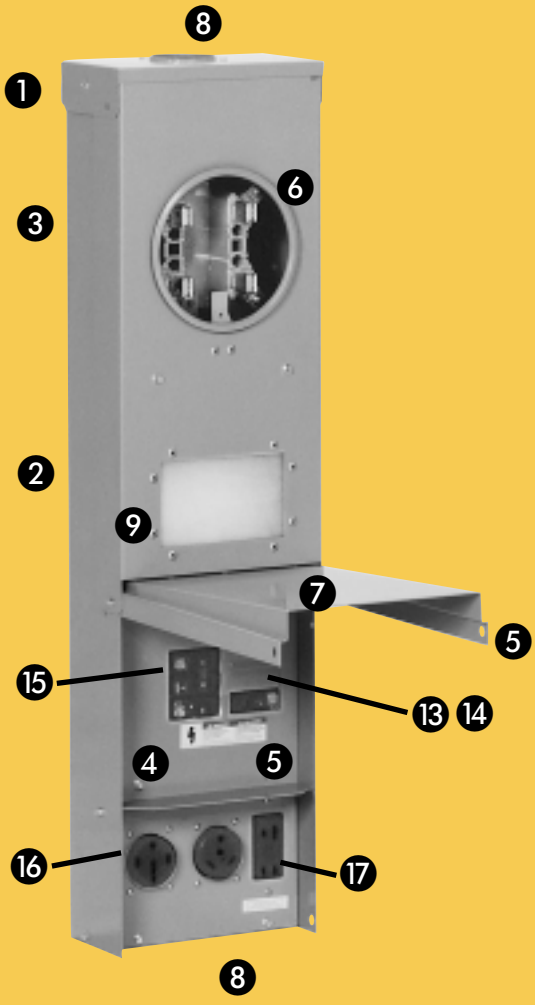
⓮ Copper Conductors
Ready to use! All internal components are factory prewired with copper conductors.

⓯ Circuit Protection
All receptacles are protected by lifetime warranted Murray circuit breakers.

⓰ Receptacles
Impact-resistant, thermoplastic, commercial grade receptacles.

⓱ GFCI Protection
All 125 volt, 20 amp receptacles have GFCI protection. Murray GFCI circuit breakers are available to provide protection for 20-50 amp receptacles.

⓲ Wire Connectors
All wire connectors are suitable for use with copper or aluminum wire. (not shown)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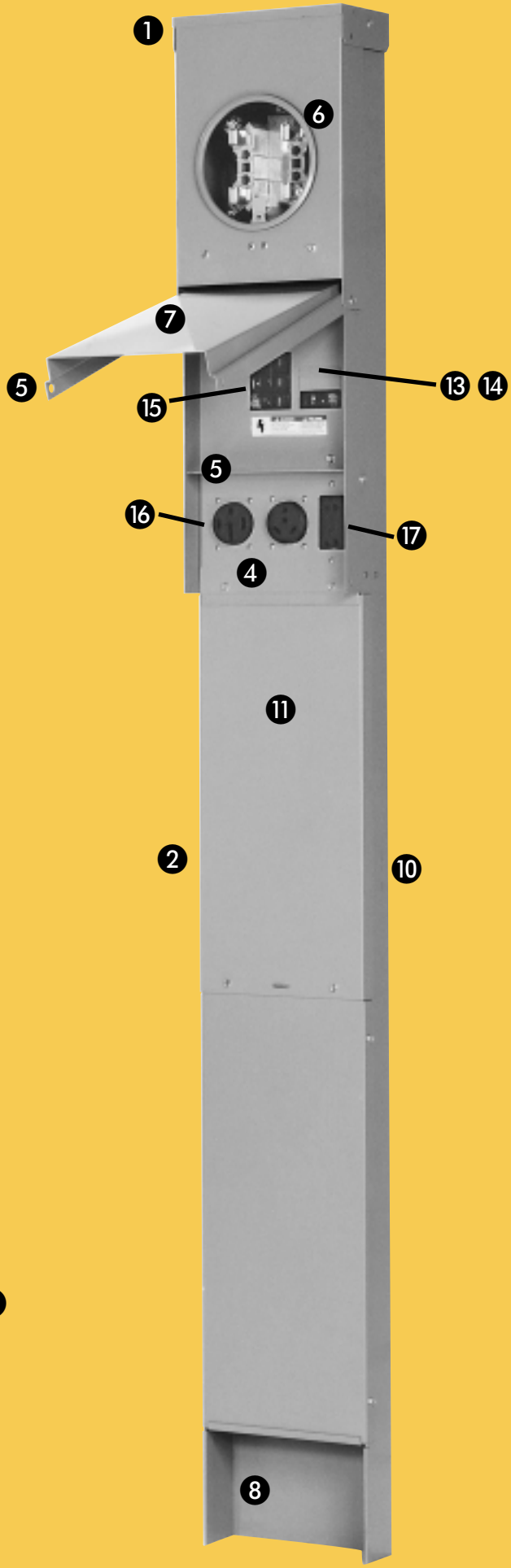
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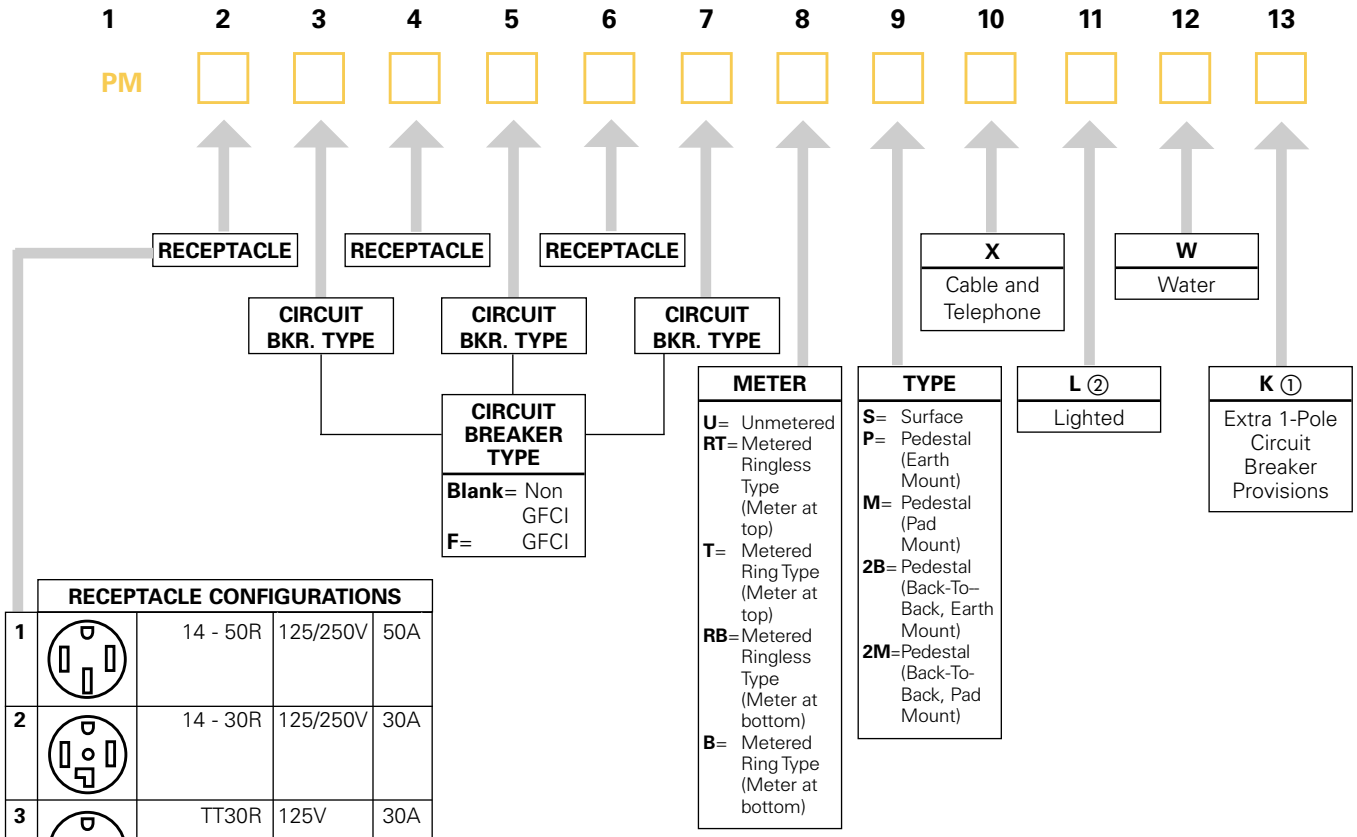
Catalog Numbering System



RECEPTACLE CONFIGURATIONS				
1		14 - 50R	125/250V	50A
2		14 - 30R	125/250V	30A
3		TT30R	125V	30A
4		L6 - 30R	250V	30A
5		6 - 20R	250V	20A
6		L5 - 20R	125V	20A
7		5 - 20R2GFI	125V	20A
8		5 - 20R2	125V	20A

① Devices with two outlets with a total amperage of 60 amps or less have factory ready provisions for an additional 1-pole circuit breaker. Devices with three outlets with a total amperage of 100 amps or less have factory ready provisions for an additional 1-pole circuit breaker.

② All lighted devices require either a 5-20R2GFI receptacle or a QF120 circuit breaker.

See pages 27-28 for cross reference of Murray catalog numbers with other manufacturers.

EXAMPLE 1: (Catalog No. PM1F38FTPXL)

Given specifications:
- 50A, 125/250V receptacle with GFCI circuit breaker.
- 30A, 125V receptacle with a standard circuit breaker
- 20A, 125V receptacle with GFCI circuit breaker
- Ring type meter at the top
- Pedestal mount device
- Cable and telephone provisions
- Light option

Step 1
Start with the power receptacle product line prefix identifier: **(PM)**
Step 2
Choose the first receptacle and its circuit breaker type: **(1F)**
Step 3
Choose the second receptacle and its circuit breaker type: **(3)**
Step 4
Choose the third receptacle and its circuit breaker type: **(8F)**
Step 5
Choose the utility grade meter type: **(T)**
Step 6
Choose the device mounting type: **(P)**
Step 7
We have a variety of options you can add to your panel, including cable and telephone, and water. Add cable and telephone option here: **(X)**
Step 8
Add the light option here: **(L)**

EXAMPLE 2: (Catalog No. PM5F8FUS)

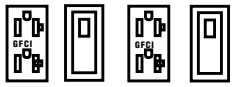
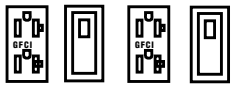
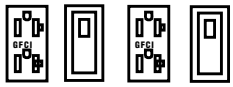
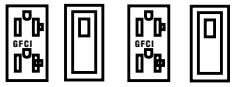
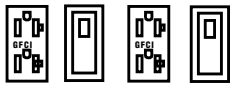
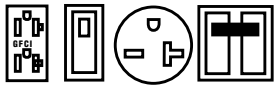
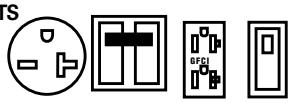
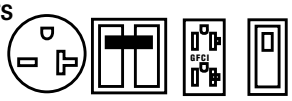
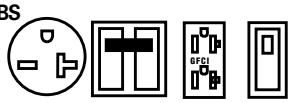
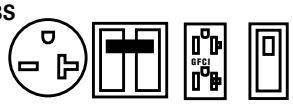
Given specifications:
- 20A, 125V receptacle with GFCI circuit breaker.
- 20A, 250V receptacle with GFCI circuit breaker
- Unmetered
- Surface device

Step 1
Start with the power receptacle product line prefix identifier: **(PM)**
Step 2
Choose the first receptacle and its circuit breaker type: **(5F)**
Step 3
Choose the second receptacle and its circuit breaker type: **(8F)**
Step 4
Choose the utility grade meter type: **(U)**
Step 5
Choose the device mounting type: **(S)**

Remember
If the power outlet panel you need is not listed in our standard offering on pages 7 - 12, you can build your own catalog number using these three basic guidelines:
- No more that three receptacles per device
- Total receptacle amperage may not exceed more than 125 amps
- The receptacles must be configured following a top to bottom sequence from the catalog numbering system seen on this page.

Catalog Numbering Tables

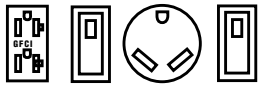
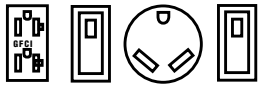
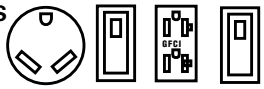
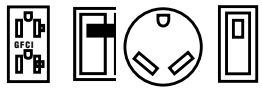
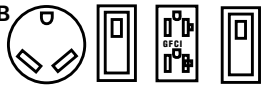
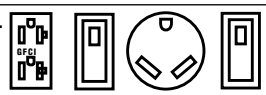
20 Amp / 20 Amp Receptacles

Catalog Number	NEMA Type Receptacle - Breaker Left	Center	Right	Metered Type Ring Type	Metered Type Ringless Type	Mounting Type ① Surface	Mounting Type Pedestal	Back-to-Back	Lighted	Extra Circuit	Wire Range CU or AL	Dim. & K.O. Fig. No.	Shpg. Wt. (lbs.)
PM77US	 5-20R2GFCI MP120	5-20R2GFCI MP120		Unmetered		X				X	2/∅ - #14	1	14
PM77RTS	 5-20R2GFCI MP120	5-20R2GFCI MP120			Top	X				X	2/∅ - #14	5	26
PM77TS	 5-20R2GFCI MP120	5-20R2GFCI MP120		Top		X				X	2/∅ - #14	5	26
PM77RBS	 5-20R2GFCI MP120	5-20R2GFCI MP120			Bottom	X				X	2/∅ - #14	15	32
PM77BS	 5-20R2GFCI MP120	5-20R2GFCI MP120		Bottom		X				X	2/∅ - #14	15	32
PM57US	 5-20R2GFCI MP120	6 - 20R	MP220	Unmetered		X				X	2/∅ - #14	1	14
PM57RTS	 6 - 20R MP220	5-20R2GFCI	MP120		Top	X				X	2/∅ - #14	5	26
PM57TS	 6 - 20R MP220	5-20R2GFCI	MP120	Top		X				X	2/∅ - #14	5	26
PM57RBS	 6 - 20R MP220	5-20R2GFCI	MP120		Bottom	X				X	2/∅ - #14	15	32
PM57BS	 6 - 20R MP220	5-20R2GFCI	MP120	Bottom		X				X	2/∅ - #14	15	32

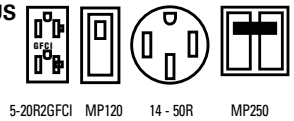
① All surface devices have a factory-included closure plate.

Catalog Numbering Tables

30 Amp / 20 Amp Receptacles

Catalog Number	NEMA Type Receptacle - Breaker				Metered Type		Mounting Type ①		Back-to-Back	Lighted	Extra Circuit	Wire Range CU or AL	Dim. & K.O. Fig. No.	Shpg. Wt. (lbs.)
	Left	Center	Right		Ring Type	Ringless Type	Surface	Pedestal						
PM37US					Unmetered		X				X	2/∅ - #14	1	14
PM37UP					Unmetered			X			X	350 kcmil - #6	10	34
PM37RTP						Top		X			X	350 kcmil - #6	7	49
PM37RTS						Top	X				X	2/∅ - #14	5	26
PM37U2B					Unmetered				X		X	350 kcmil - #6	30	34
PM37RT2B						Top			X		X	350 kcmil - #6	27	49
PM37UPL					Unmetered			X		X	X	350 kcmil - #6	8	38

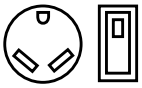
50 Amp / 20 Amp Receptacles

Catalog Number	NEMA Type Receptacle - Breaker				Metered Type		Mounting Type ①		Back-to-Back	Lighted	Extra Circuit	Wire Range CU or AL	Dim. & K.O. Fig. No.	Shpg. Wt. (lbs.)
	Left	Center	Right		Ring Type	Ringless Type	Surface	Pedestal						
PM17US					Unmetered		X				X	2/∅ - #14	1	14
PM17RTP						Top		X			X	350 kcmil - #6	7	49

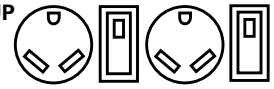
① All surface devices have a factory-included closure plate.

Catalog Numbering Tables

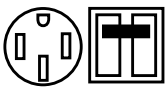
30 Amp Receptacle

Catalog Number	NEMA Type Receptacle - Breaker Left	Center	Right	Metered Type Ring Type	Ringless Type	Mounting Type ① Surface	Pedestal	Back-to-Back	Lighted	Extra Circuit	Wire Range CU or AL	Dim. & K.O. Fig. No.	Shpg. Wt. (lbs.)
PM3US	 TT30R MP130			Unmetered		X				X	2/∅ - #14	1	14

30 Amp / 30 Amp Receptacles

Catalog Number	NEMA Type Receptacle - Breaker Left	Center	Right	Metered Type Ring Type	Ringless Type	Mounting Type ① Surface	Pedestal	Back-to-Back	Lighted	Extra Circuit	Wire Range CU or AL	Dim. & K.O. Fig. No.	Shpg. Wt. (lbs.)
PM33US	 TT30R MP130 TT30R MP130			Unmetered		X				X	2/∅ - #14	1	14
PM33UP	 TT30R MP130 TT30R MP130			Unmetered			X			X	350 kcmil - #6	10	34

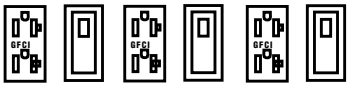
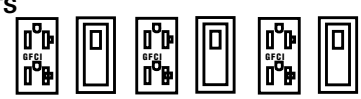
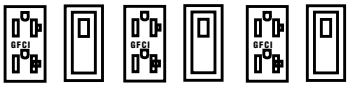
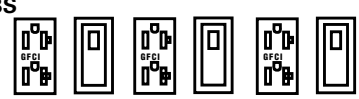
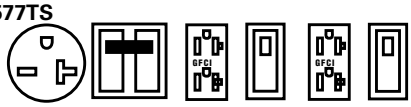
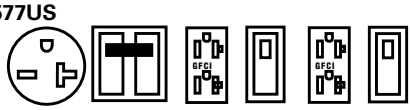
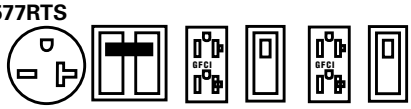
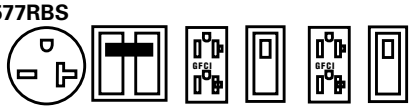
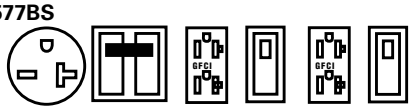
50 Amp Receptacle

Catalog Number	NEMA Type Receptacle - Breaker Left	Center	Right	Metered Type Ring Type	Ringless Type	Mounting Type ① Surface	Pedestal	Back-to-Back	Lighted	Extra Circuit	Wire Range CU or AL	Dim. & K.O. Fig. No.	Shpg. Wt. (lbs.)
PM1US	 14 - 50R MP250			Unmetered		X				X	2/∅ - #14	1	14

① All surface devices have a factory-included closure plate.

Catalog Numbering Tables

20 Amp / 20 Amp / 20 Amp Receptacles

Catalog Number	NEMA Type Receptacle - Breaker Left	Center	Right	Metered Type Ring Type	Metered Type Ringless Type	Mounting Type ① Surface	Mounting Type Pedestal	Back-to-Back	Lighted	Extra Circuit	Wire Range CU or AL	Dim. & K.O. Fig. No.	Shpg. Wt. (lbs.)
PM777US	 5-20R2GFCI MP120	5-20R2GFCI MP120	5-20R2GFCI MP120	Unmetered		X				X	2/∅ - #14	2	17
PM777RTS	 5-20R2GFCI MP120	5-20R2GFCI MP120	5-20R2GFCI MP120		Top	X				X	2/∅ - #14	5	26
PM777TS	 5-20R2GFCI MP120	5-20R2GFCI MP120	5-20R2GFCI MP120	Top		X				X	2/∅ - #14	5	26
PM777RBS	 5-20R2GFCI MP120	5-20R2GFCI MP120	5-20R2GFCI MP120		Bottom	X				X	2/∅ - #14	15	32
PM577BS	 6 - 20R MP220	5-20R2GFCI MP120	5-20R2GFCI MP120	Bottom		X				X	2/∅ - #14	15	32
PM577TS	 6 - 20R MP220	5-20R2GFCI MP120	5-20R2GFCI MP120	Top		X				X	2/∅ - #14	5	26
PM577US	 6 - 20R MP220	5-20R2GFCI MP120	5-20R2GFCI MP120	Unmetered		X				X	2/∅ - #14	2	17
PM577RTS	 6 - 20R MP220	5-20R2GFCI MP120	5-20R2GFCI MP120		Top	X				X	2/∅ - #14	5	26
PM577RBS	 6 - 20R MP220	5-20R2GFCI MP120	5-20R2GFCI MP120		Bottom	X				X	2/∅ - #14	15	32
PM577BS	 6 - 20R MP220	5-20R2GFCI MP120	5-20R2GFCI MP120	Bottom		X				X	2/∅ - #14	15	32

① All surface devices have a factory-included closure plate.

Catalog Numbering Tables

50 Amp / 30 Amp / 20 Amp Receptacles

Catalog Number	NEMA Type Receptacle - Breaker			Metered Type		Mounting Type		Back-to-Back	Lighted	Extra Circuit	Wire Range CU or AL	Dim. & K.O. Fig. No.	Shpg. Wt. (lbs.)
	Left	Center	Right	Ring Type	Ringless Type	Surface ①	Pedestal						
PM337US	TT30R MP130	TT30R MP130	5-20R2GFCI MP120	Unmetered		X				X	2/∅ - #14	2	17
PM337UP	TT30R MP130	TT30R MP130	5-20R2GFCI MP120	Unmetered			X			X	350 kcmil - #6	11	40
PM137UP	14 - 50R MP250	TT30R MP130	5-20R2GFCI MP120	Unmetered			X			X	350 kcmil - #6	11	40
PM137RTP	14 - 50R MP250	TT30R MP130	5-20R2GFCI MP120		Top		X			X	350 kcmil - #6	7	48
PM137US	14 - 50R MP250	TT30R MP130	5-20R2GFCI MP120	Unmetered		X				X	2/∅ - #14	2	17
PM137RTS	14 - 50R MP250	TT30R MP130	5-20R2GFCI MP120		Top	X				X	2/∅ - #14	5	26
PM137UPL	14 - 50R MP250	TT30R MP130	5-20R2GFCI MP120	Unmetered			X		X	X	350 kcmil - #6	9	45
PM137RTPL	14 - 50R MP250	TT30R MP130	5-20R2GFCI MP120		Top		X		X	X	350 kcmil - #6	6	53
PM137U2B	14 - 50R MP250	TT30R MP130	5-20R2GFCI MP120	Unmetered				X		X	350 kcmil - #6	31	40
PM137RT2B	14 - 50R MP250	TT30R MP130	5-20R2GFCI MP120		Top			X		X	350 kcmil - #6	27	40

① All surface devices have a factory-included closure plate.

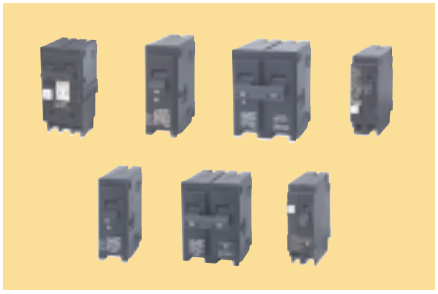
Catalog Numbering Tables

50 Amp / 30 Amp / 20 Amp Receptacles (cont'd)

Catalog Number	NEMA Type Receptacle - Breaker Left	Center	Right	Metered Type Ring Type	Ringless Type	Mounting Type ① Surface	Pedestal	Back-to-Back	Lighted	Extra Circuit	Wire Range CU or AL	Dim. & K.O. Fig. No.	Shpg. Wt. (lbs.)
PM137RTSL	 14 - 50R MP250 TT30R MP130 5-20R2GFCI MP120				Top	X			X	X	2/∅ - #14	14	32
PM137TP	 14 - 50R MP250 TT30R MP130 5-20R2GFCI MP120			Top			X			X	350 kcmil - #6	7	49

① All surface devices have a factory-included closure plate.

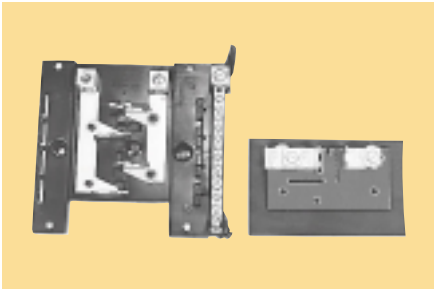
Accessories



Circuit Breakers

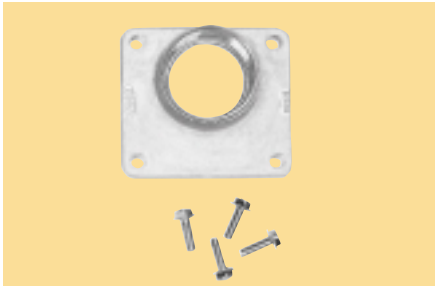
1-Pole 120V AC 2-Pole 120/240V AC

Catalog Number	Amps	Catalog Number	Amps
MP115	15A	**MP220**	20A
MP120	20A	**MP230**	30A
MP130	30A	**MP250**	50A
MP115GF	15A GFCI	**MP220GF**	20A GFCI
MP120GF	20A GFCI	**MP230GF**	30A GFCI
MP130GF	30A GFCI	**MP250GF**	50A GFCI



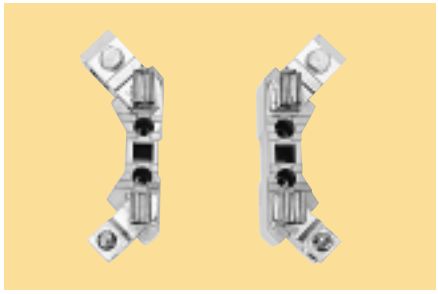
Interior Assemblies

Catalog Number	Amps
I0408ML1080CUP	80
I0612ML1125CUP	125



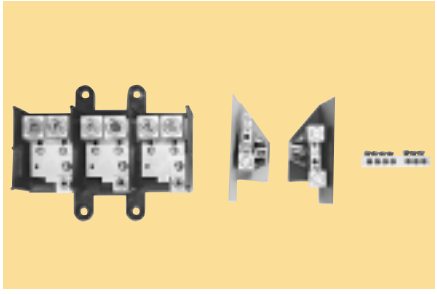
Interchangeable Hubs

Catalog Number	Size / Description
RX075	3/4"
RX100	1"
RX125	1-1/4"
RX150	1-1/2"
RX200	2"
RX225	2-1/2"
RX001	Closure Plate



Meter Socket Bases

Catalog Number	Amps
MSB125T	125
MSB125B	125



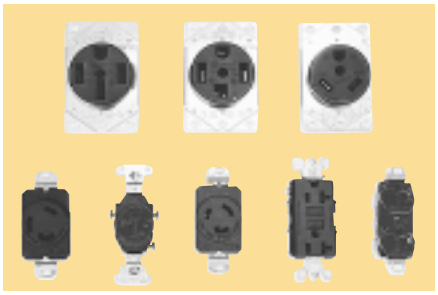
Distribution Block / Neutral Bars / Ground Bars

Catalog Number	Description
NB23	Insulated Neutral Bar (1) 2/∅ - #14 Lug CU/AL and (3) #4 - #14 CU/AL
NB232	Insulated Neutral Bar (2) 2/∅ - #14 Lugs CU/AL and (1) #4 - #14 CU/AL
GB7	Ground Bar, #4 - #14 CU/AL
LFB350	Loop Feed Block Assembly (1) #14 - 2/∅ CU/AL and (2) #6 - 350 kcmil per phase
LX084M	Loop Feed Ground Bar (2) #14 - 2/∅ CU/AL

Accessories

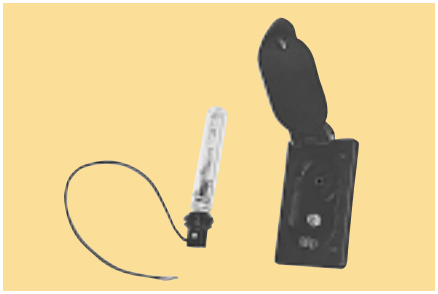
Sealing Rings

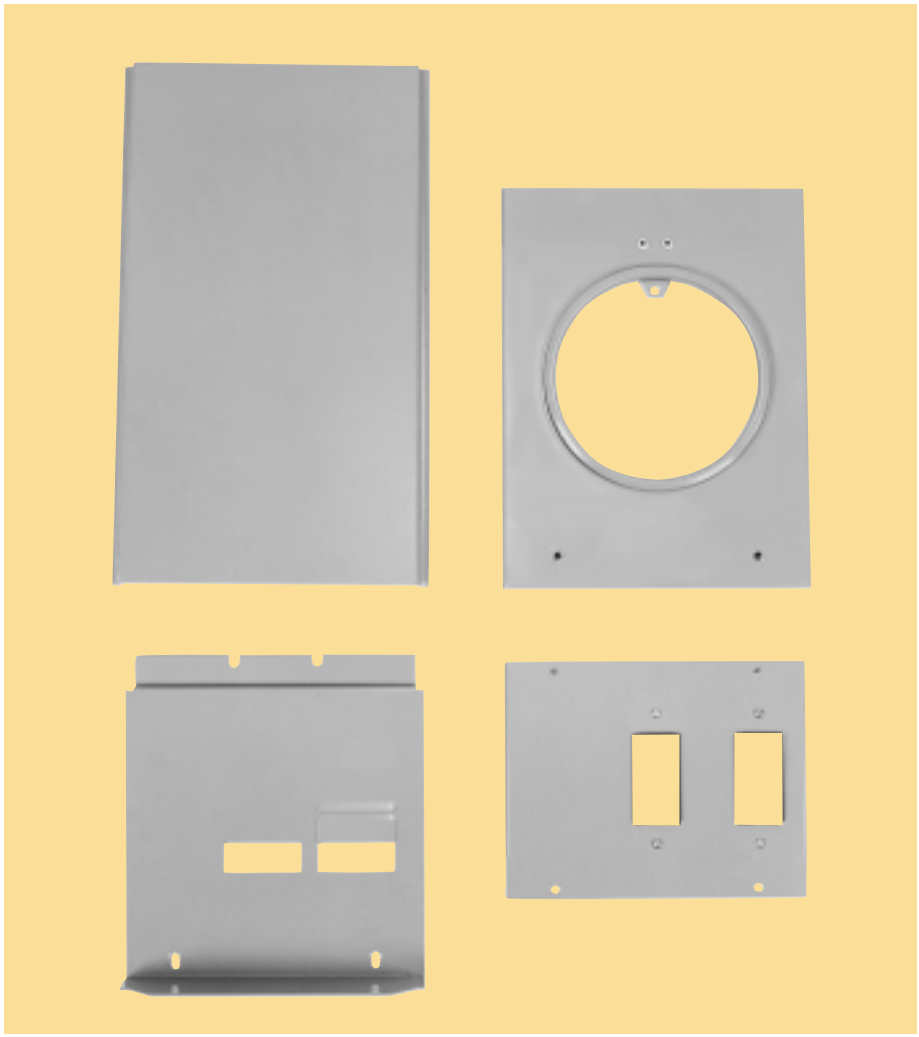
Catalog Number	Description
SX002M	Stainless Steel, Latch Type
SX006M	Screw Type
SX001M	Aluminum Snap On



NEMA Type Receptacles

Catalog Number	Description
RCP1	NEMA Type 14 - 50R, 50A, 125/250V AC
RCP2	NEMA Type 14 - 30R, 30A, 125/250V AC
RCP3	NEMA Type TT30R, 30A, 125V AC
RCP4	NEMA Type L6 - 30R, 20A, 250V AC
RCP5	NEMA Type 6 - 20R, 20A, 250V AC
RCP6	NEMA Type L5 - 20R, 20A, 125V AC
RCP7	NEMA Type 5 - 20R2GFCI, 20A, 125V AC
RCP8	NEMA Type 5 - 20R2, 20A, 125V AC





Fabricated Components

Catalog Number	Description
DR7	7" Door
DR9	9" Door
DR9B	9" Door for Bottom Metered Devices
PC7	7" Upper Pedestal Cover
PC7L	7" Lower Pedestal Cover
PC9	9" Upper Pedestal Cover
PC9L	9" Lower Pedestal Cover
PMC7	7" Pad Mount Pedestal Cover
PMC9	9" Pad Mount Pedestal Cover
PMB7	7" Pad Mount Mounting Bracket
PMB9	9" Pad Mount Mounting Bracket
SBEM9	9" Stabilizer Base for Earth Mounted Pedestals

Catalog Number	Description
MTC9	Meter Cover, Ring Type
MTC9R	Meter Cover, Ringless Type
MTC9L	Meter Cover, Ring Type, Lighted
MTC9RL	Meter Cover, Ringless Type, Lighted
MTC9B	Meter at Bottom Cover, Ring Type
MTC9RB	Meter at Bottom Cover, Ringless Type

Miscellaneous

Catalog Number	Description
LX100FP	Filler Plate
LED4	4 Bulb Light
LED16	16 Bulb Light
TVPH1	Cable & Telephone Kit

Fabricated Components

Use prefix UD plus Cat. No. for Upper Deadfronts

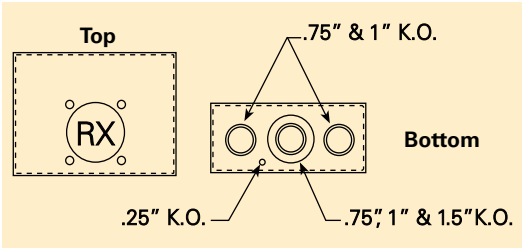
Use prefix LD plus Cat. No. for Lower Deadfronts

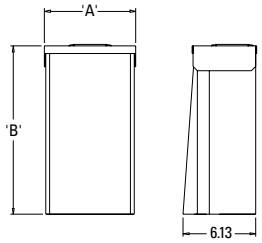
Example: Cat. No. PM77US
Upper Deadfront Cat. No. = UD77US
Lower Deadfront Cat. No. = LD77US

Dimension Drawings

STANDARD KNOCKOUT PATTERN

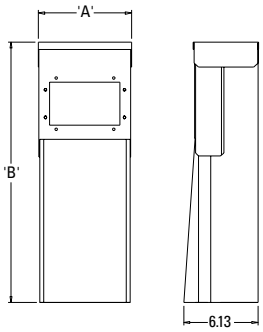
The knockout diagram shown at right is to be referenced for all surface mount devices





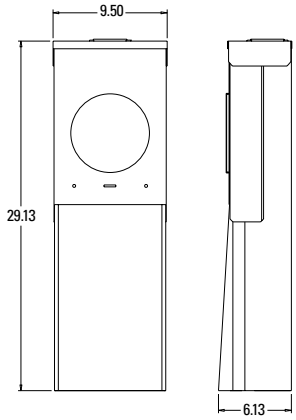
SURFACE
Figures 1 & 2

	A	B
Figure 1	7.63	14.10
Figure 2	9.50	16.10

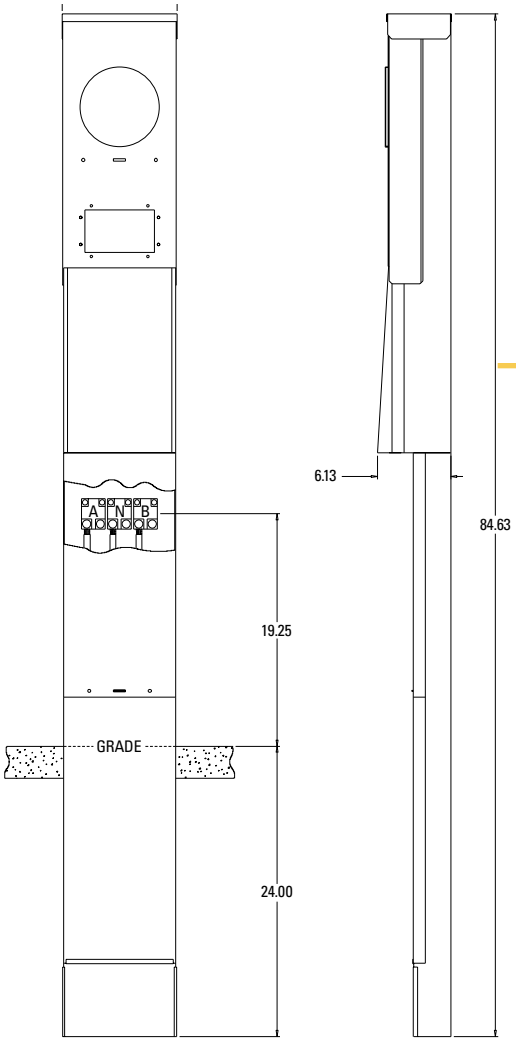


SURFACE
Figures 3 & 4

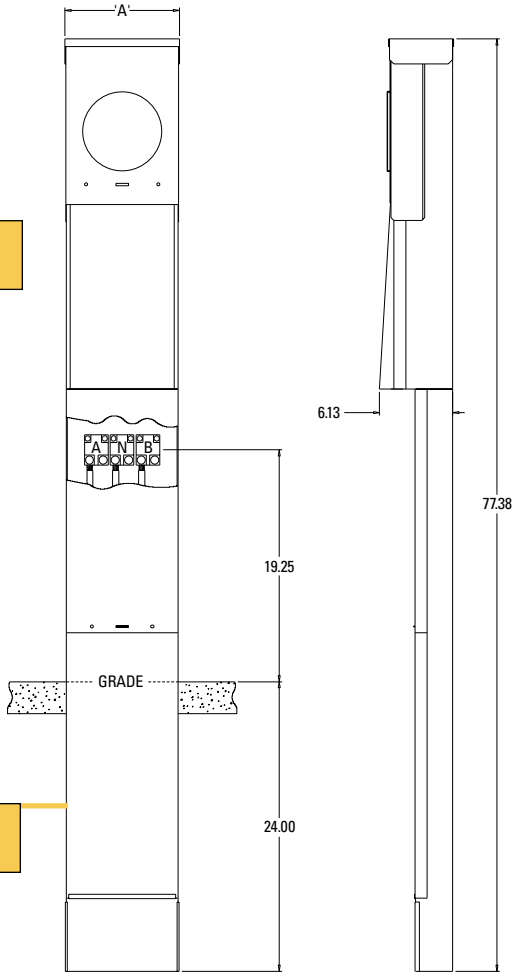
	A	B
Figure 3	7.63	21.40
Figure 4	9.50	23.40



METERED SURFACE
Figure 5

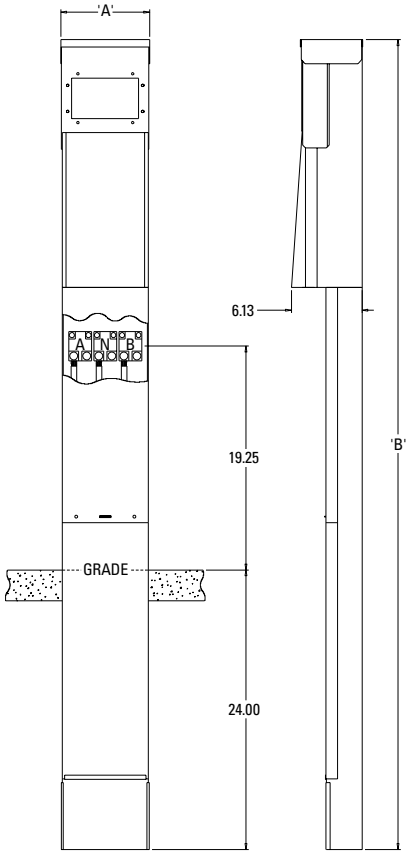


METERED LIGHTED PEDESTAL
Figure 6



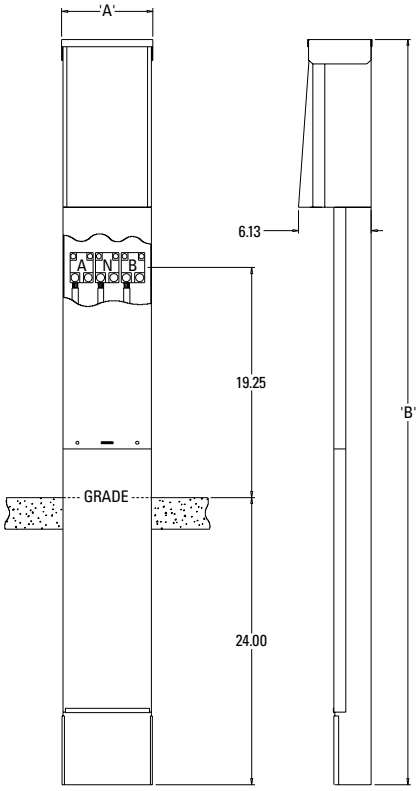
METERED PEDESTAL
Figure 7

Dimension Drawings



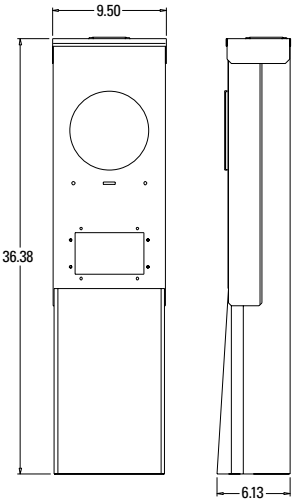
UNMETERED LIGHTED PEDESTAL
Figures 8 & 9

	A	B
Figure 8	7.63	69.50
Figure 9	9.50	71.50

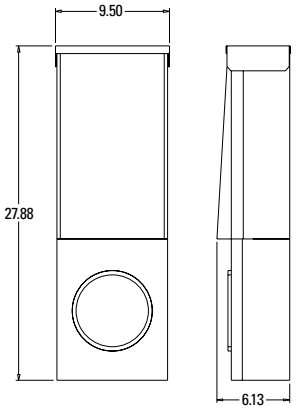


UNMETERED PEDESTAL
Figures 10 & 11

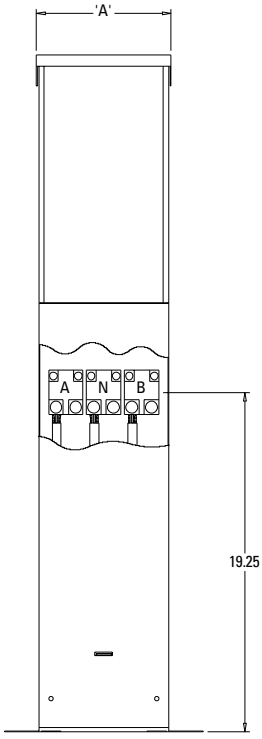
	A	B
Figure 10	7.63	62.30
Figure 11	9.50	64.30

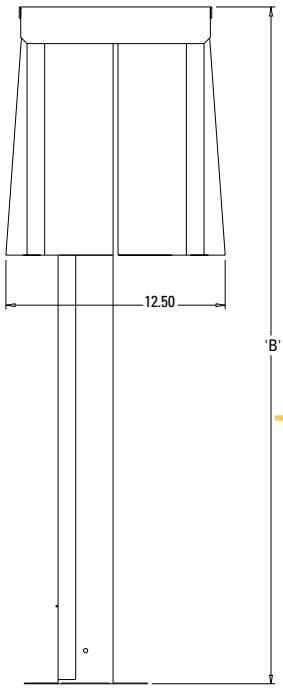


METERED LIGHTED SURFACE
Figure 14



METER AT BOTTOM SURFACE
Figure 15

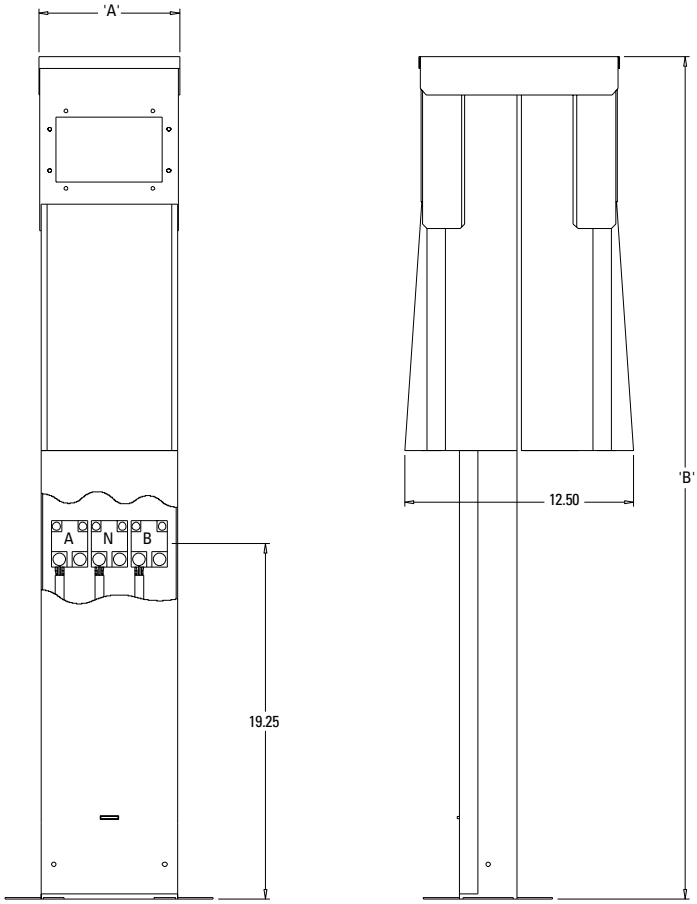




UNMETERED PAD MOUNT
BACK-TO-BACK-PEDESTAL
Figures 12 & 13

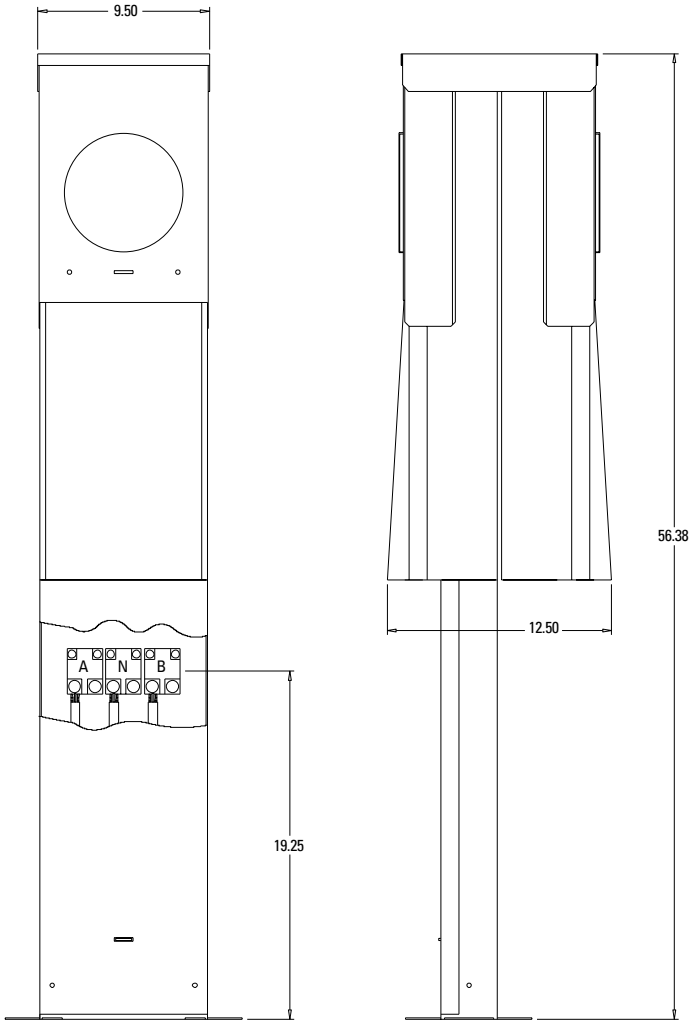
	A	B
Figure 12	7.63	41.25
Figure 13	9.50	43.25

Dimension Drawings



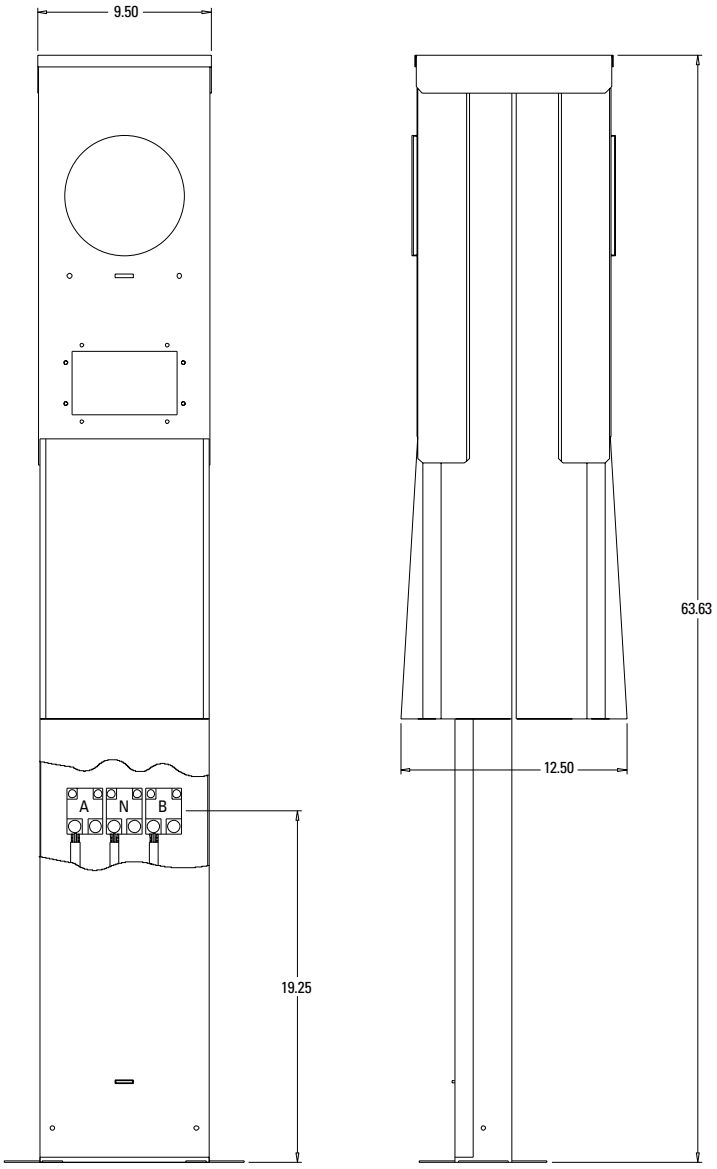
UNMETERED LIGHTED PAD MOUNT BACK-TO-BACK-PEDESTAL
Figures 16 & 17

	A	B
Figure 16	7.63	48.50
Figure 17	9.50	50.50

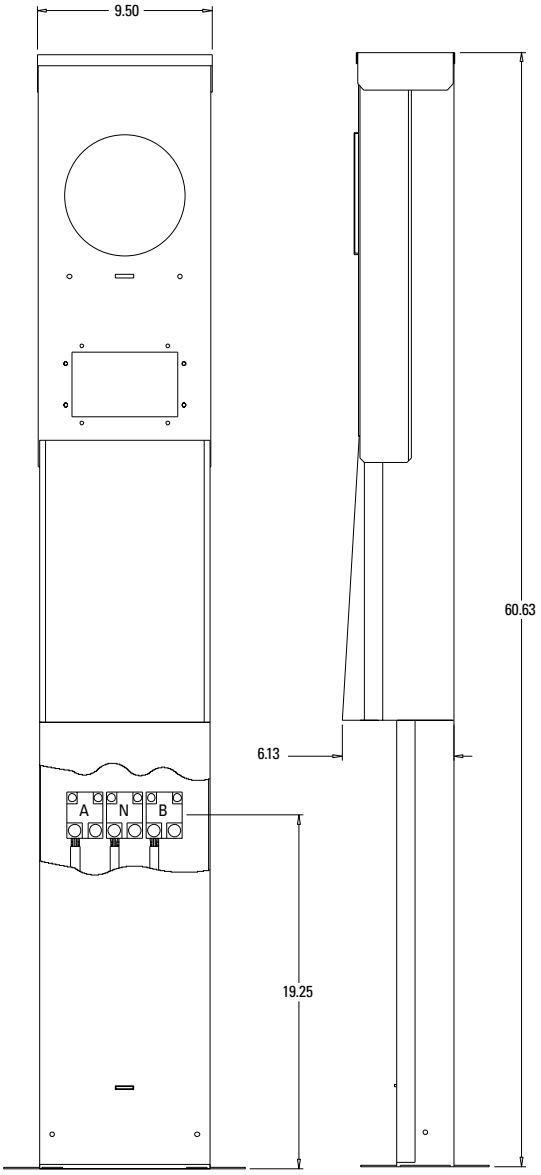


METERED PAD MOUNT BACK-TO-BACK PEDESTAL
Figure 18

Dimension Drawings

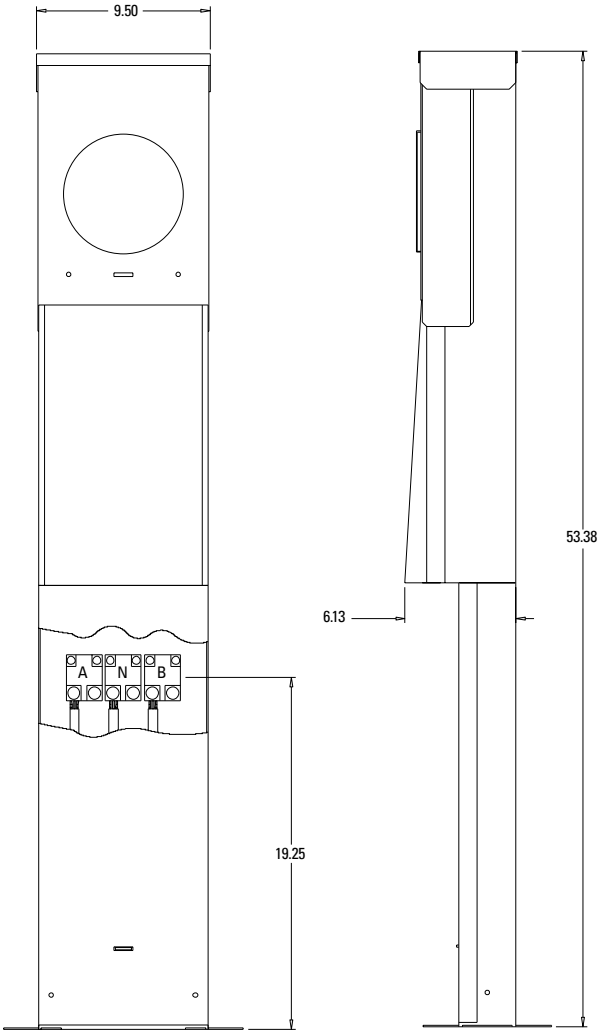


METERED LIGHTED PAD MOUNT BACK-TO-BACK PEDESTAL
Figure 19

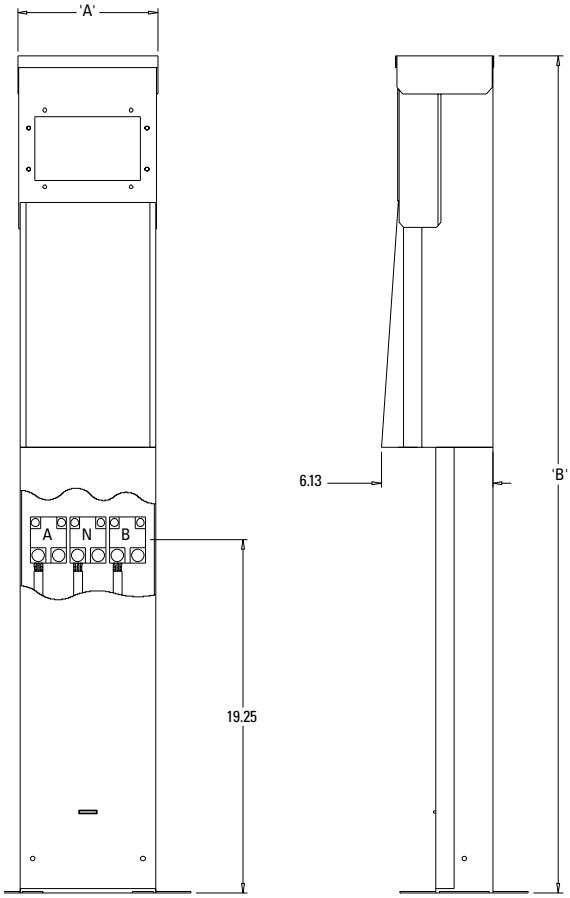


METERED LIGHTED PAD MOUNT PEDESTAL
Figure 20

Dimension Drawings

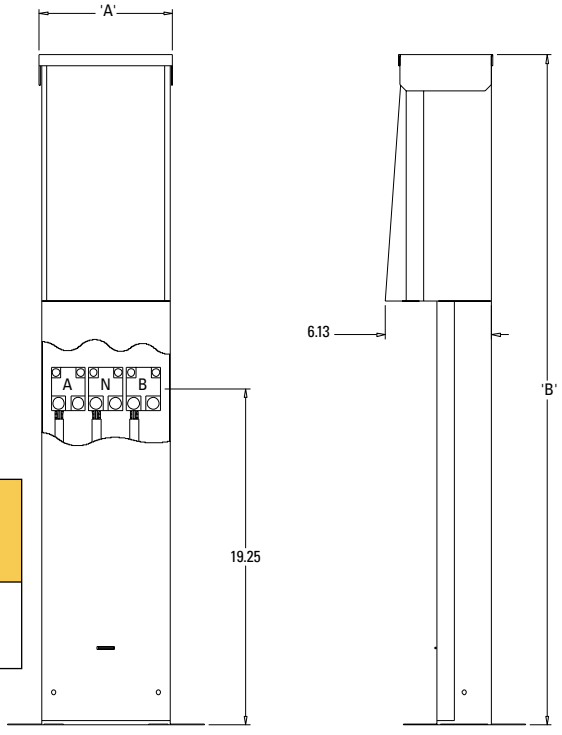


METERED PAD MOUNT PEDESTAL
Figure 21



UNMETERED LIGHTED PAD MOUNT PEDESTAL
Figures 22 & 23

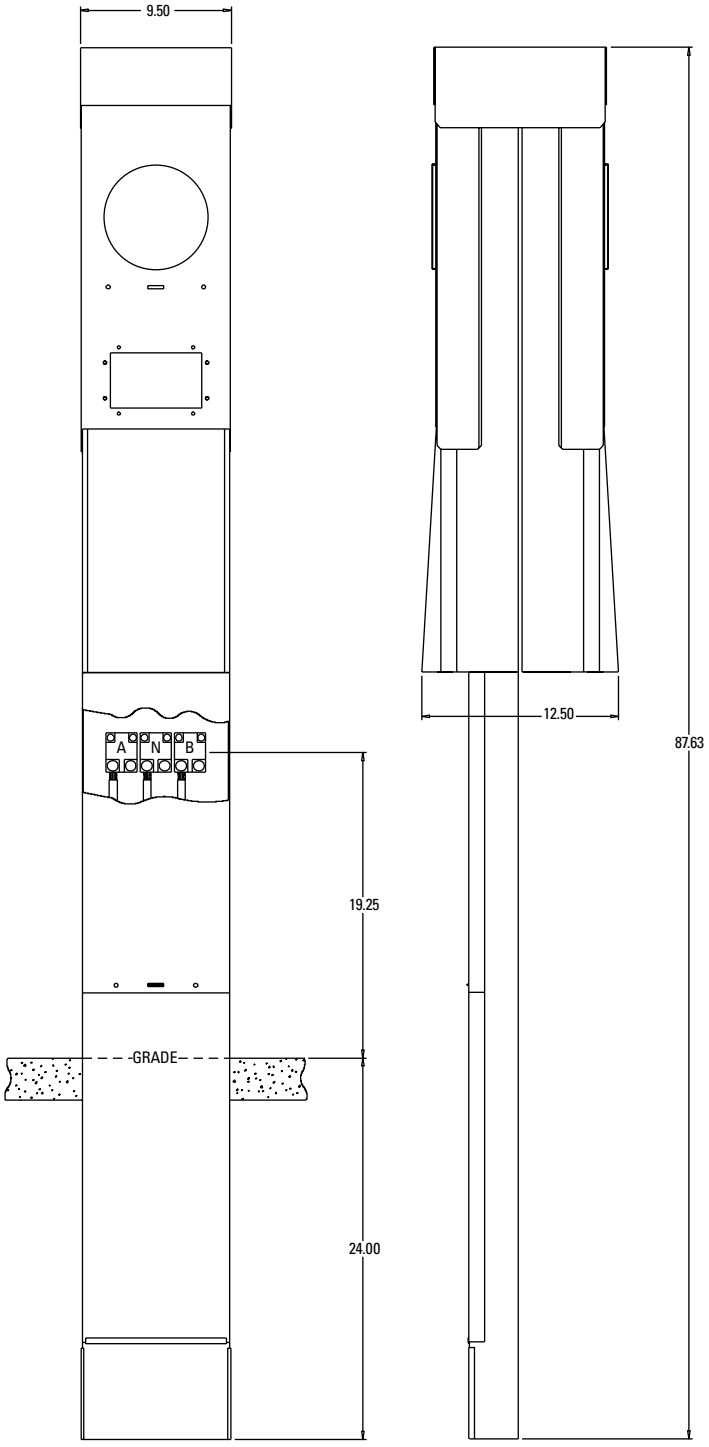
	A	B
Figure 22	7.63	45.50
Figure 23	9.50	47.50



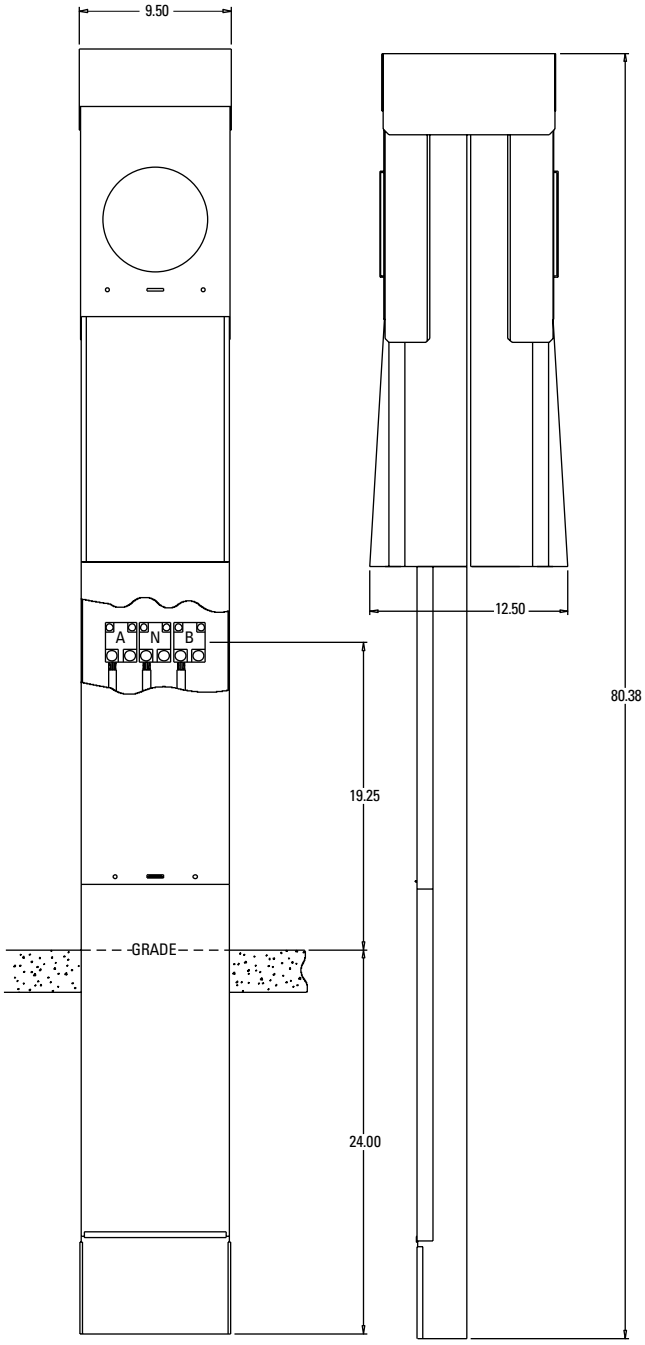
UNMETERED PAD MOUNT PEDESTAL
Figures 24 & 25

	A	B
Figure 24	7.63	38.25
Figure 25	9.50	40.25

Dimension Drawings

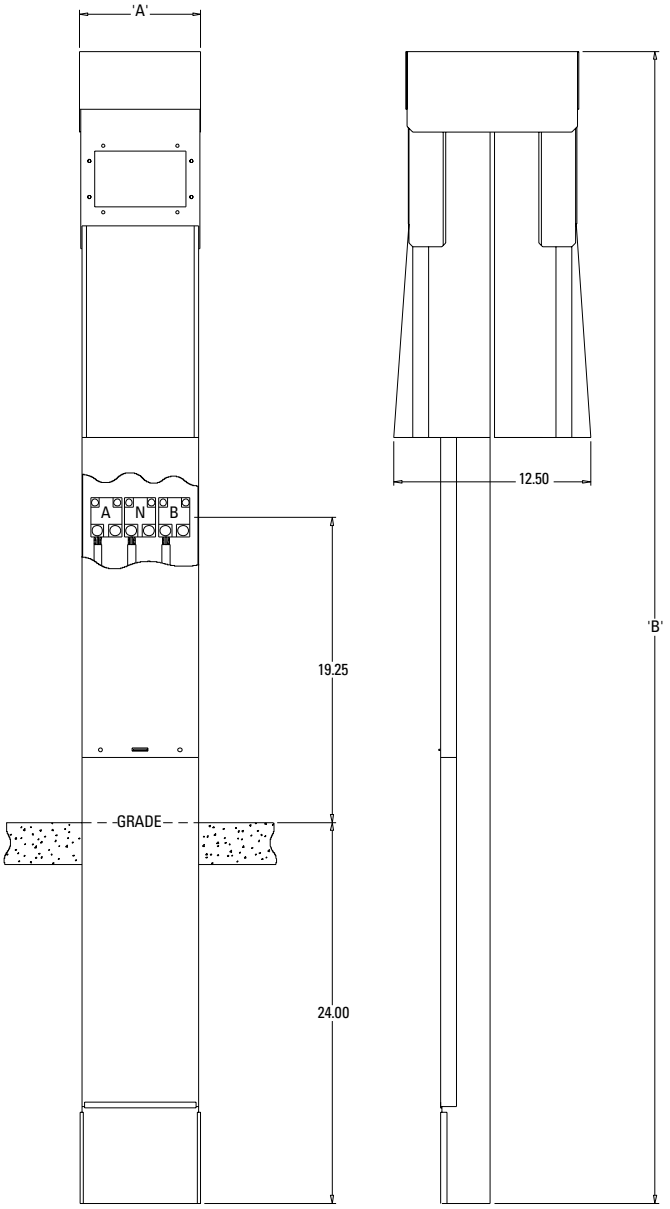


METERED LIGHTED BACK-TO-BACK PEDESTAL
Figure 26



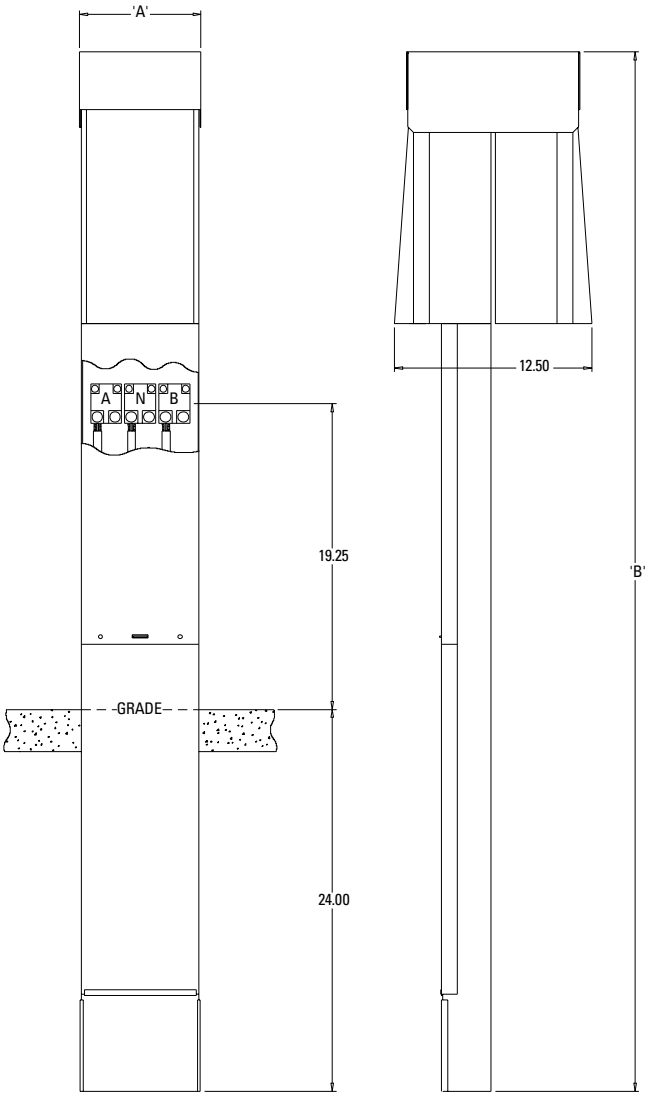
METERED BACK-TO-BACK PEDESTAL
Figure 27

Dimension Drawings



UNMETERED LIGHTED BACK-TO-BACK PEDESTAL
Figures 28 & 29

	A	B
Figure 28	7.63	72.50
Figure 29	9.50	74.50

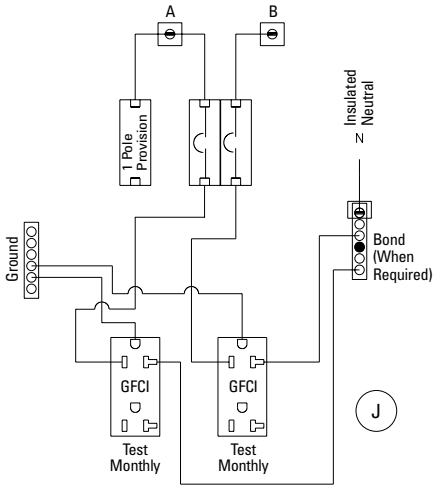


UNMETERED BACK-TO-BACK PEDESTAL
Figures 30 & 31

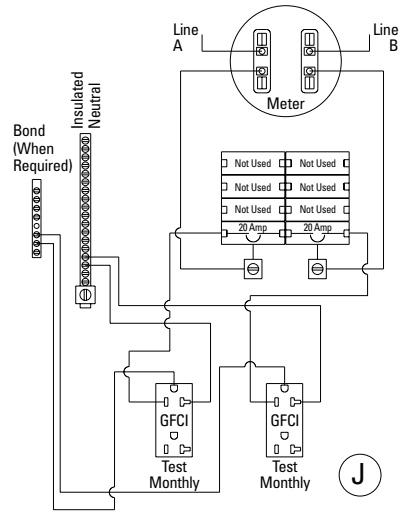
	A	B
Figure 30	7.63	65.25
Figure 31	9.50	67.25

Wiring Diagrams

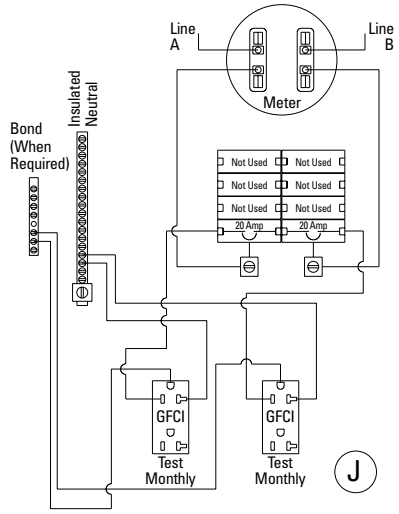
20 Amp / 20 Amp Receptacles



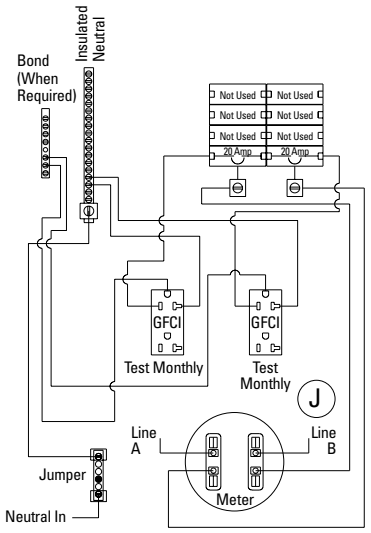
PM77US



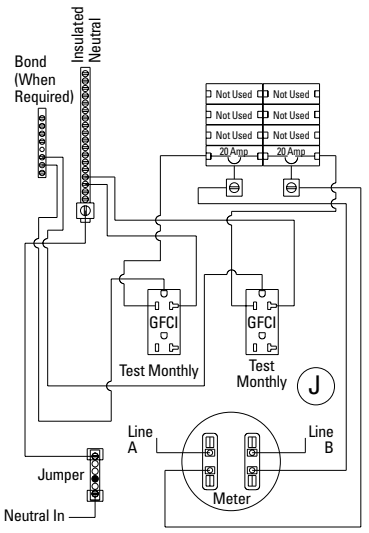
PM77RTS



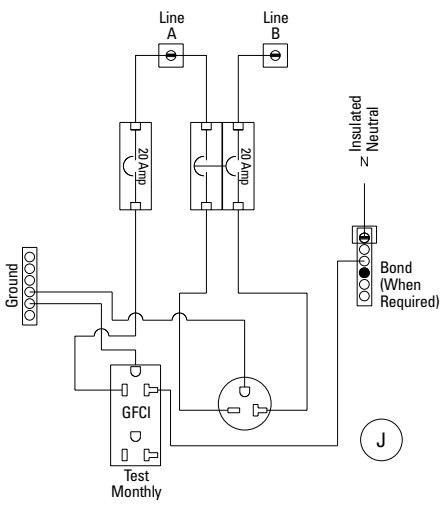
PM77TS



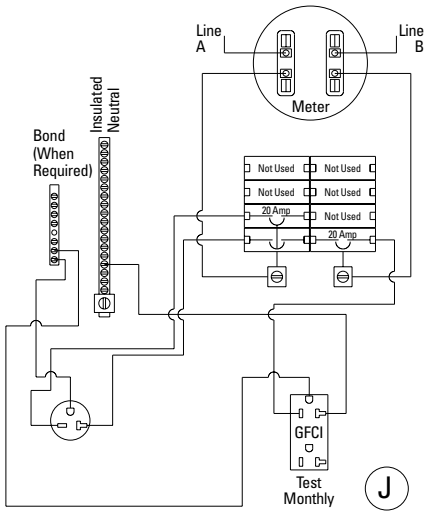
PM77RBS



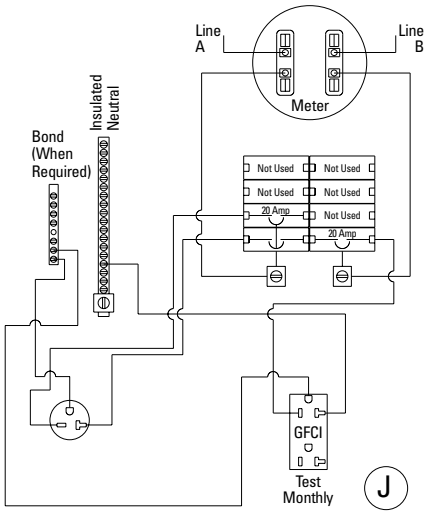
PM77BS



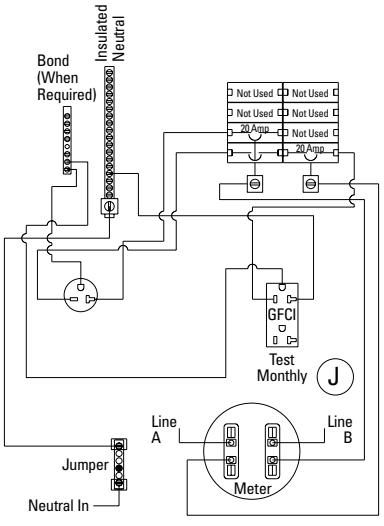
PM57US



PM57RTS



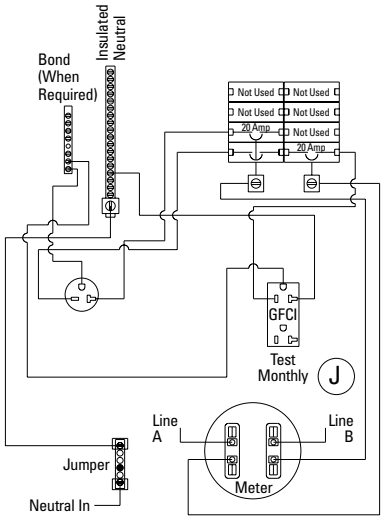
PM57TS



PM57RBS

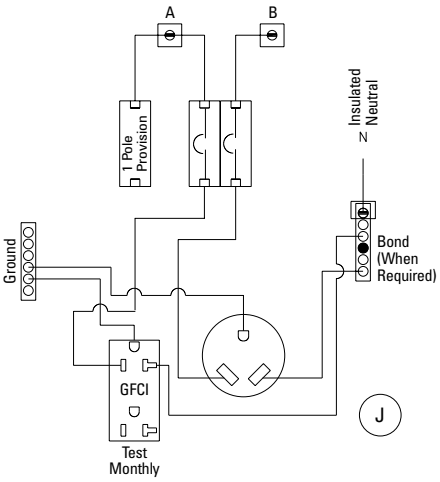
Wiring Diagrams

20 Amp / 20 Amp Receptacles

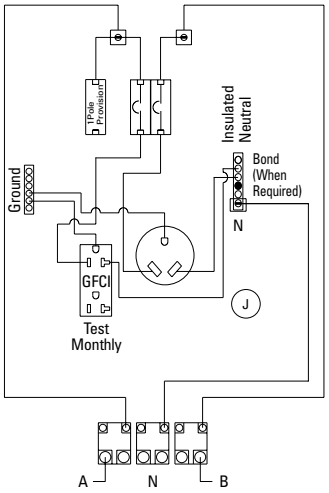


PM57BS

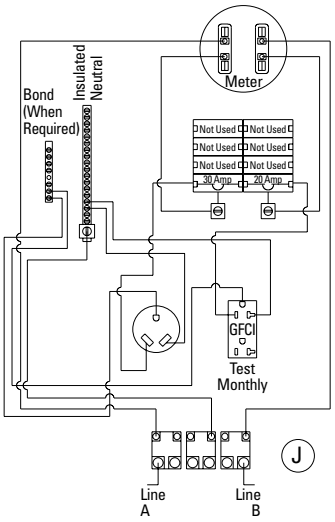
30 Amp / 20 Amp Receptacles



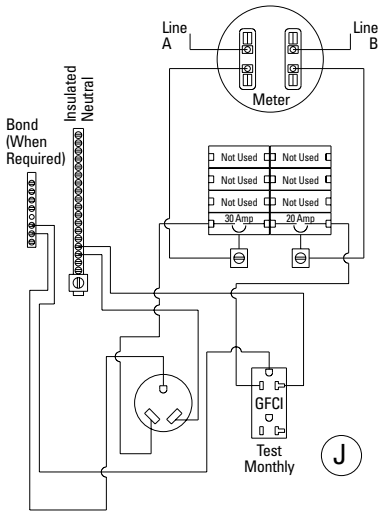
PM37US



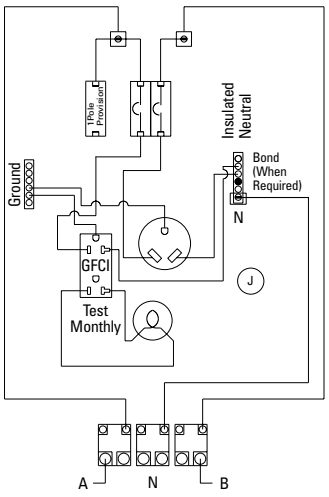
PM37UP



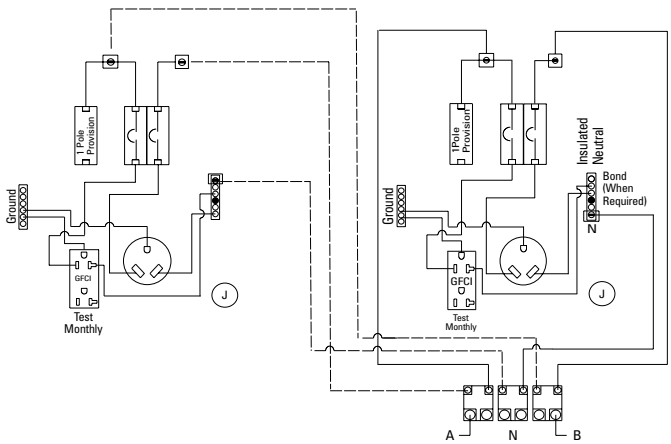
PM37RTP



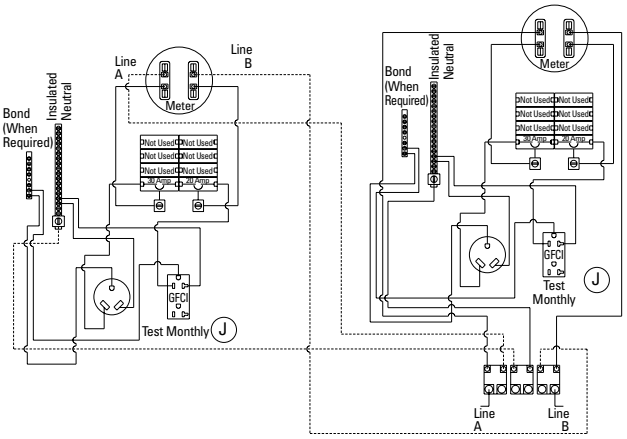
PM37RTS



PM37UPL



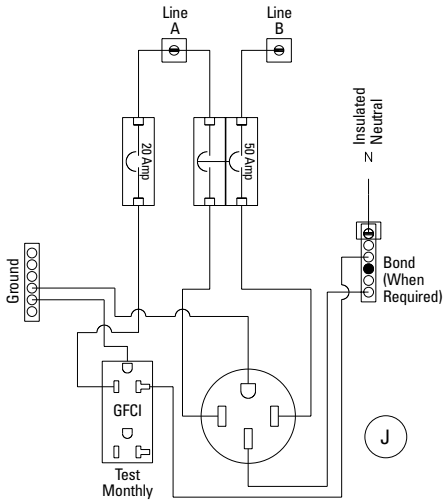
PM37U2B



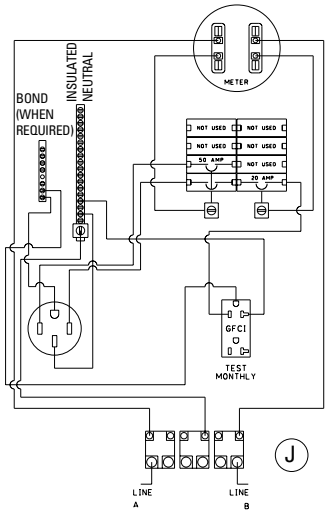
PM37RT2B

Wiring Diagrams

50 Amp / 20 Amp Receptacles

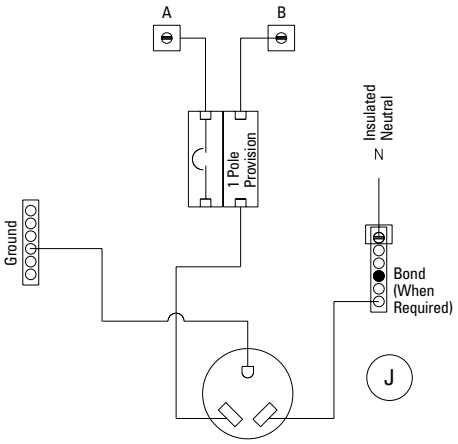


PM17US



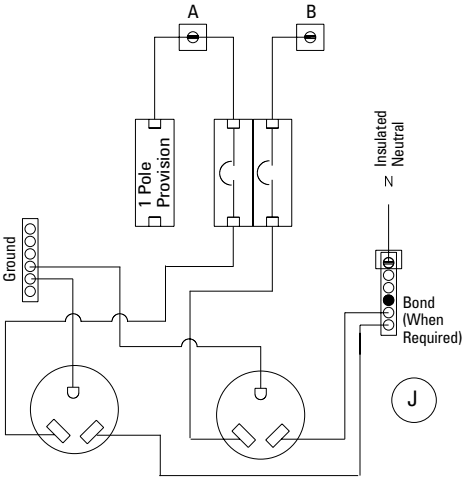
PM17RTP

30 Amp Receptacle

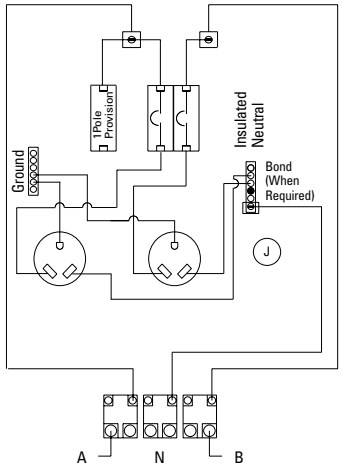


PM3US

30 Amp / 30 Amp Receptacles

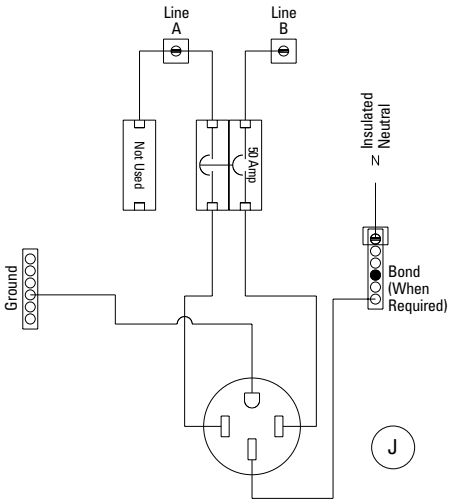


PM33US



PM33UP

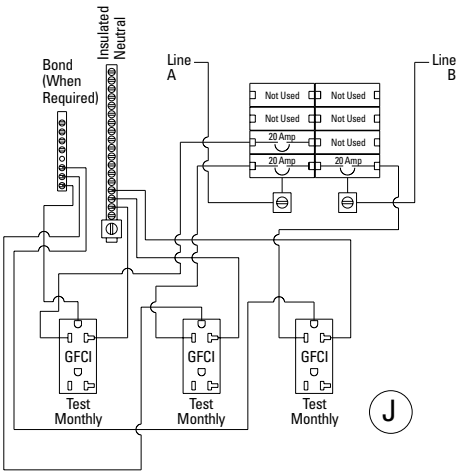
50 Amp Receptacle



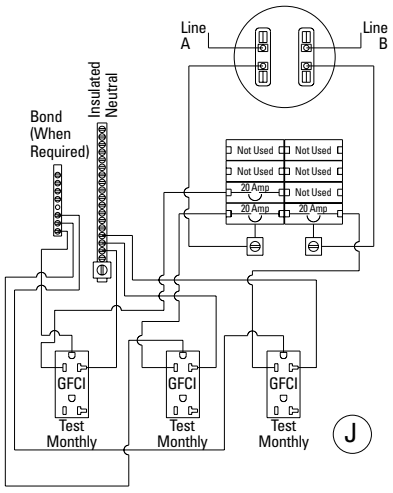
PM1US

Wiring Diagrams

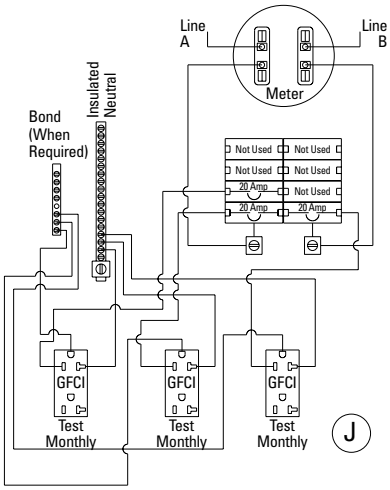
20 Amp / 20 Amp / 20 Amp Receptacles



PM777US



PM777RTS



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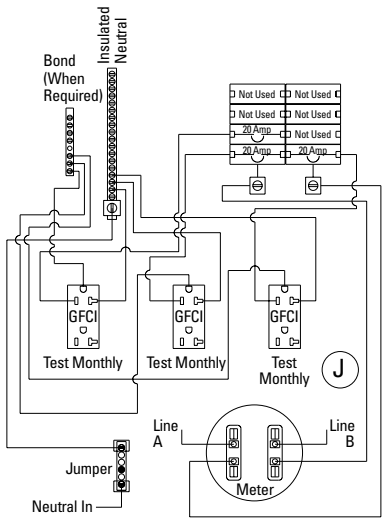
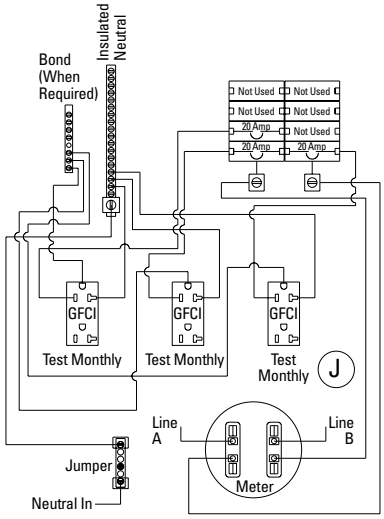
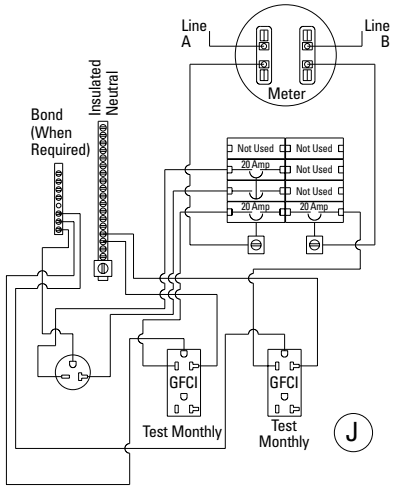


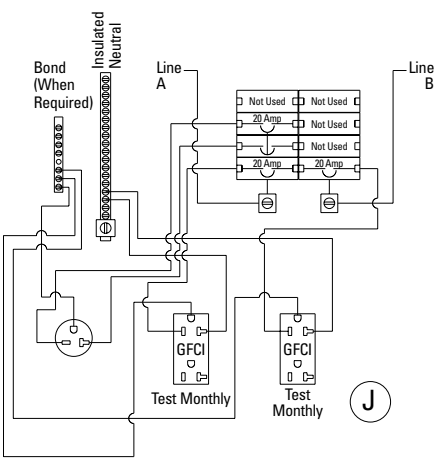
PM777RBS



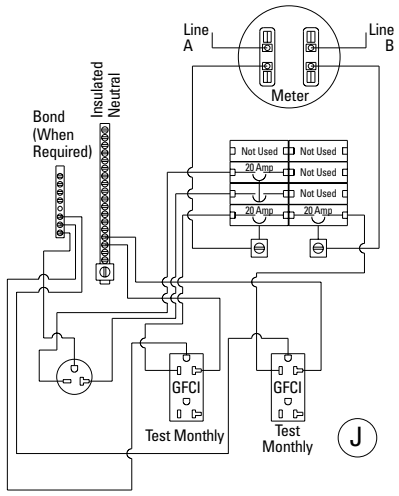
PM777BS



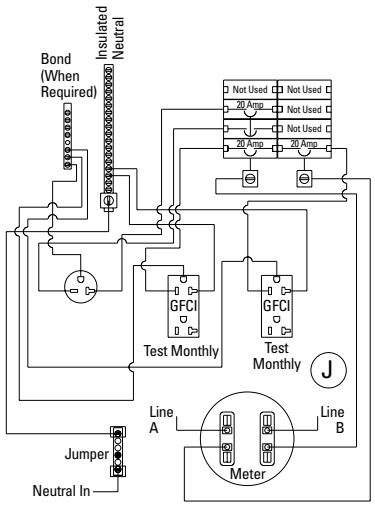
PM577TS



PM577US



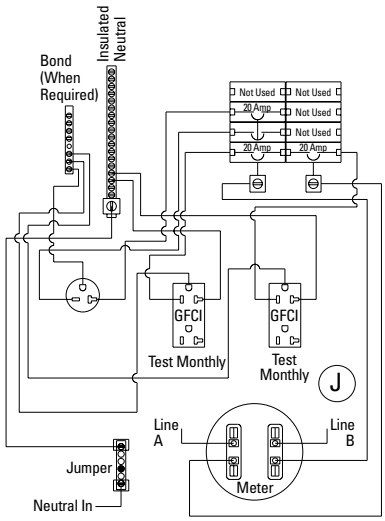
PM577RTS



PM577RBS

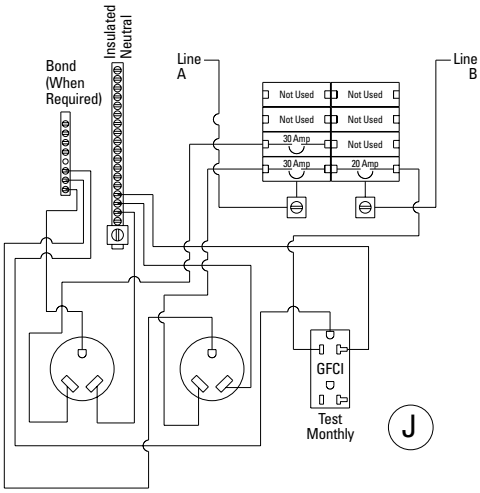
Wiring Diagrams

20A / 20A / 20A Receptacle

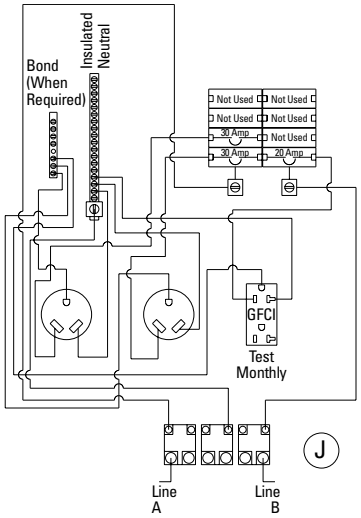


PM577BS

30 Amp / 30 Amp / 20 Amp Receptacles

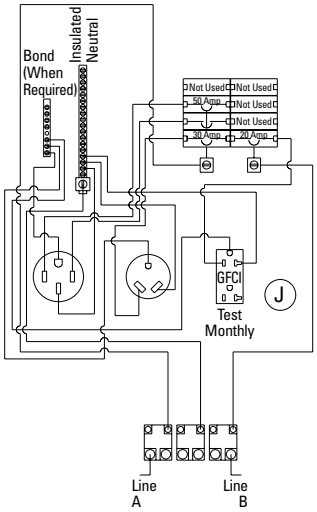


PM337US

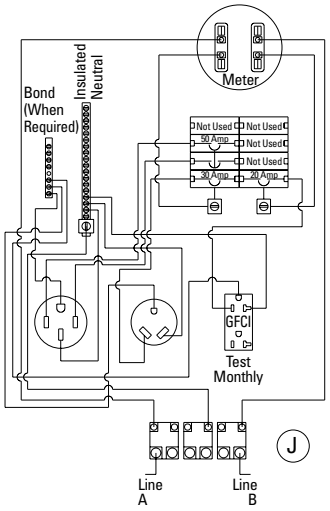


PM337UP

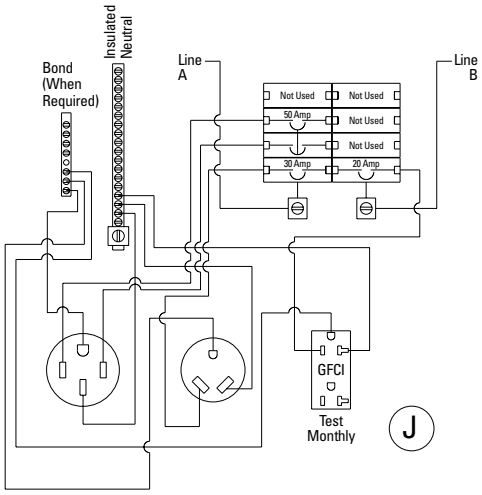
50 Amp / 30 Amp / 20 Amp Receptacles



PM137UP



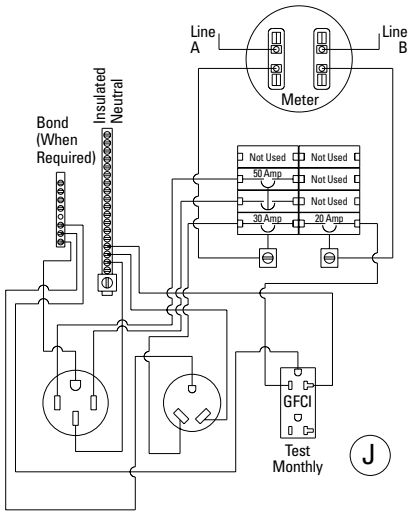
PM137RTP



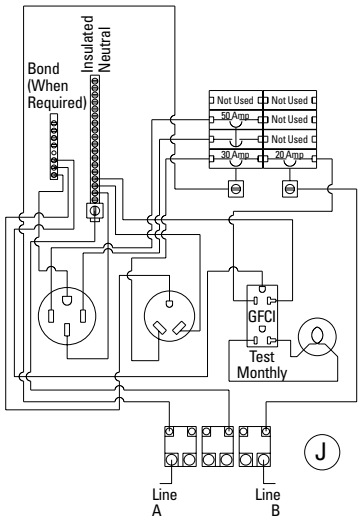
PM137US

Wiring Diagrams

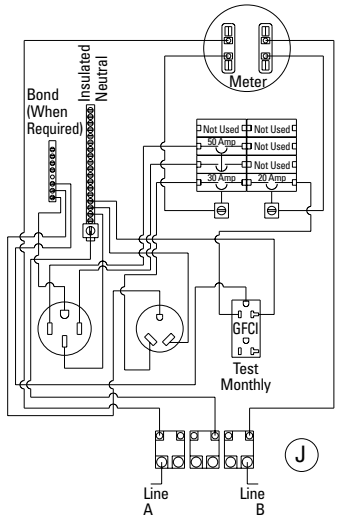
50 Amp / 30 Amp / 20 Amp Receptacles



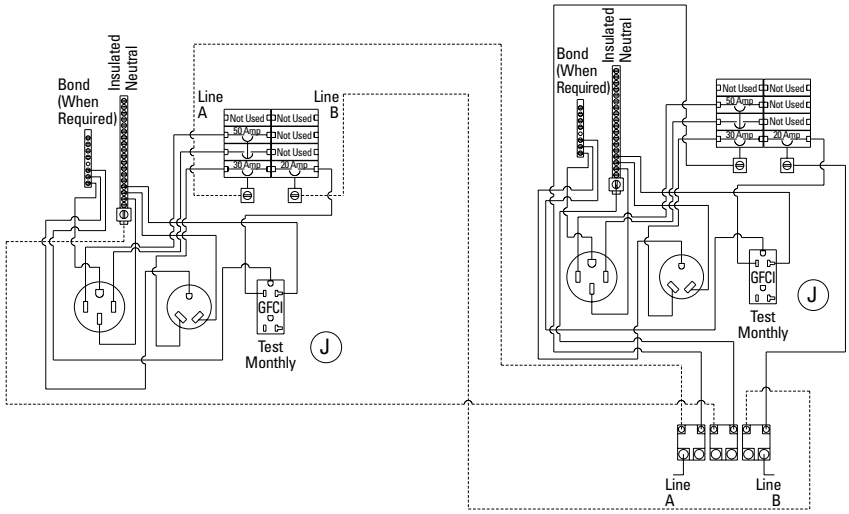
PM137RTS



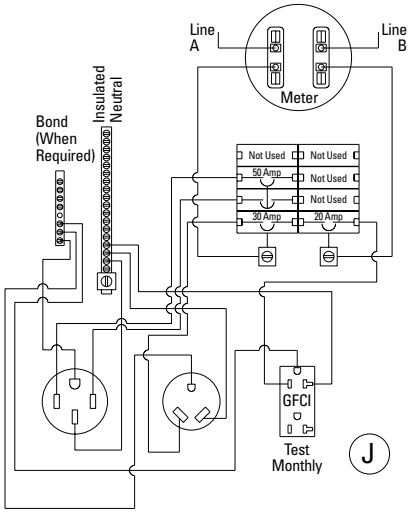
PM137UPL



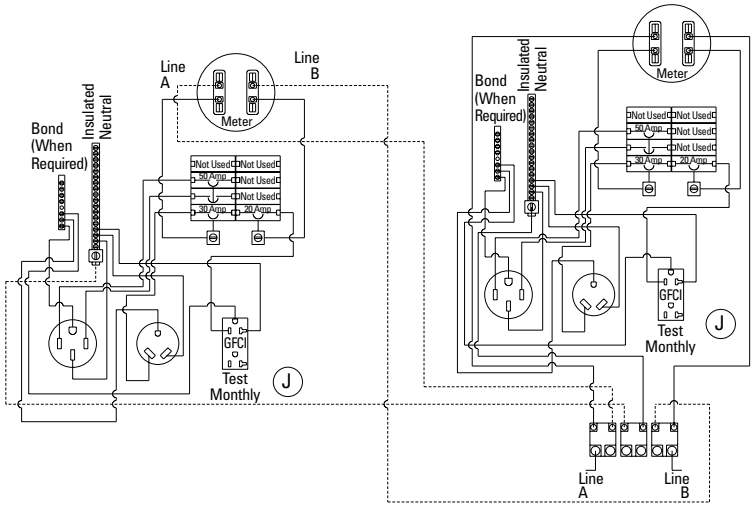
PM137RTPL



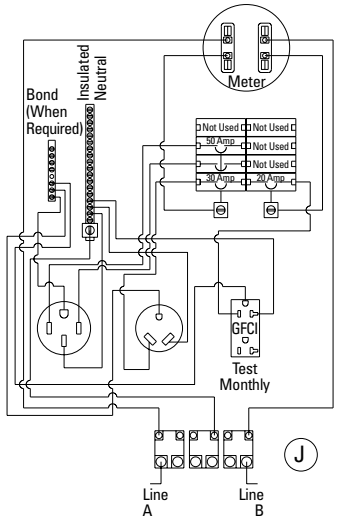
PM137U2B



PM137RTSL



PM137RT2B



PM137TP

Cross Reference

Murray	Midwest	Millbank	Cutler-Hammer	Fig. No.
20 Amp / 20 Amp Receptacles				
PM77TS	M011C010	MUPO-11GR/11G	CHM7N7NS	5
PM77BS	M011C010U			15
PM8F8FTS	M011G		CHM6G6GS	5
PM57TS	M036C010	MUPO-36GR/36G	CHM5N7NS	5
PM57BS	M036C010U			15
PM77RTS	R011C010		CHR7N7NS	5
PM77RBS	R011C010U			15
PM8F8FRTS	R011G		CHR6G6GS	5
PM8F8FRBS	R011GU			15
PM57RTS	R036C010		CHR5N7NS	5
PM57RBS	R036C010U			15
PM58FRTS	R036G			5
PM58FRBS	R036GU			15
PM77UP	U011CP6010			10
PM8F8FUS	U011G		CHU6G6GS	1
PM8F8FU2B	U011GB6			30
PM8F8FUP	U011GP6			10
PM57US	U036C010	UPO-36GR/36G	CHU5N7NS	1
PM58FUS	U036G			1
PM77US	U011C010	UPO-11GR/11G	CHU7N7NS	1
PM1F7RTS			CHR1G7NS	5
PM1F7TS			CHM1G7NS	5
PM1F7US			CHU1G7NS	1
PM1F8FRTS			CHR1G6GS	5
PM1F8FTS			CHM1G6GS	5
PM1F8FUS			CHU1G6GS	1
PM5F7RTS			CHR5G7NS	5
PM5F7TS			CHM5G7NS	5
PM5F7US			CHU5G7NS	1
PM5F8FRTS			CHR5G6GS	5
PM5F8FTS			CHM5G6GS	5
PM5F8FUS			CHU5G6GS	1
30 Amp / 20 Amp Receptacles				
PM37TS	M041C010	MUPO-41GR/41G	CHM4N7NS	5
PM37BS	M041C010U			15
PM37T2B	M041CB6010	MPRVD-3020GR/3020G	CHM4N7NB	27
PM37TP	M041CP6010	MPRV-3020GR/3020G	CHM4N7NP	7
PM38FT2B	M041GB6			27
PM38FTP	M041GP6			7
PM38FRTS	R041G			5
PM38FTS	M041G			5
PM3F8FUP	U040GP6			10
PM3F8FUS	U040G			1
PM38FUP	U041GP6			10
PM37US	U041C010	UPO-41GR/41G	CHU4N7NS	1
PM37U2B	U041CB6010	HPDUP04-41CGR/41CG	CHU4N7NB	30
PM37UP	U041CP6010		CHU4N7NP	10
PM38FUS	U041G			1
PM38FU2B	U041GB6			30
PM37RT2B			CHR4N7NB	27
PM37RT2BL			CHR4N7NBL	26
PM37RTP			CHR4N7NP	7
PM37RTPL			CHR4N7NPL	6
PM37RTS			CHR4N7NS	5
PM37RTSL			CHR4N7NSL	14
PM37T2BL			CHM4N7NBL	26
PM37TPL			CHM4N7NPL	6
PM37TSL			CHM4N7NSL	14
PM37U2BL			CHU4N7NBL	28
PM37UPL			CHU4N7NPL	8
PM37USL			CHU4N7NSL	3
50 Amp / 20 Amp Receptacles				
PM17TS	M055C010	MUPO-55GR/55G	CHM1N7NS	5
PM18FTS	M055G			5
PM18FTP	M055GP6			7
PM17RTS	R055C010		CHR1N7NS	5
PM17RBS	R055C010U			15
PM18FRTS	R055G			5
PM18FRBS	R055GU			15
PM17US	U055C010	UPO-55GR/55G	CHU1N7NS	1
PM17UP	U055CP6010		CHU1N7NP	10
PM18FUS	U055G			1
PM18FU2B	U055GB6			30
PM17RTP			CHR1N7NP	7
PM17TP			CHM1N7NP	7
30 Amp Receptacle				
PM3US	U013C	UPO-13	CHU4NS	1
30 Amp / 30 Amp Receptacles				
PM33US	U061C	UPO-61	CHU4N4NS	1
PM33U2B	U061CB6			30
PM33UP	U061CP6	HPUP04-61C	CHU4N4NP	10
50 Amp Receptacle				
PM1US	U054C	UPO-54	CHU1NS	1
20 Amp / 20 Amp / 20 Amp Receptacle				
PM577TS	M038C010	MUPO-38GR/38G	CHM7N7N5NS	5
PM577BS	M038C010U			15
PM577RTS	R038C010		CHR7N7N5NS	5
PM577RBS	R038C010U			15
PM58F8FRTS	R038G			5
PM58F8FRBS	R038GU			15
PM577US	U038C010	UPO-38GR/38G	CHU7N7N5NS	2
PM58F8FUS	U038G			2
PM466US	U870G			2
PM1F8F8FRTS			CHR1G6G6GS	5
PM1F8F8FTS			CHM1G6G6GS	5
PM1F8F8FUS			CHU1G6G6GS	2
PM5F77RTS			CHR7N7N5GS	5
PM5F77TS			CHM7N7N5GS	5
PM5F77US			CHU7N7N5GS	2
PM5F8F8FRTS			CHR6G6G5GS	5
PM5F8F8FTS			CHM6G6G5GS	5
PM5F8F8FUS			CHU6G6G5GS	2
PM777RTS			CHR7N7N7NS	5
PM777TS			CHM7N7N7NS	5
PM777US			CHU7N7N7NS	2
PM8F8F8FRTS			CHR6G6G6GS	5
PM8F8F8FTS			CHM6G6G6GS	5
PM8F8F8FUS			CHU6G6G6GS	2
50 Amp / 30 Amp / 20 Amp Receptacles				
PM137TS	M075C010	MUPO-75GR/75G	CHM1N7N4NS	5
PM137BS	M075C010U			15
PM137T2B	M075CB6010	MPRVD-503020GR/503020G	CHM1N7N4NB	27
PM137TP	M075CP6010	MPRV-503020GR/503020G	CHM1N7N4NP	7
PM138FTS	M075G			5
PM138FT2B	M075GB6			27
PM138FTP	M075GP6			7
PM137U2B	U075CB6010	HPDUP04-75CGR/75CG	CHU1N7N4NB	31
PM137UP	U075CP6010	HPUP04-75CGR/75CG	CHU1N7N4NP	11
PM138FU2B	U075GB6			31
PM138FUP	U075GP6			11
PM137RT2B			CHR1N7N4NB	27
PM137RT2BL			CHR1N7N4NBL	26
PM137RTP	R075CP6010		CHR1N7N4NP	7
PM137RTPL			CHR1N7N4NPL	6
PM137RTS			CHR1N7N4NS	5
PM137RTSL			CHR1N7N4NSL	14
PM137T2BL			CHM1N7N4NBL	26
PM137TPL			CHM1N7N4NPL	6
PM137TSL			CHM1N7N4NSL	14
PM137U2BL			CHU1N7N4NBL	29
PM137UPL			CHU1N7N4NPL	9
PM137US		UPO-75GR/75G	CHU1N7N4NS	2
PM137USL			CHU1N7N4NSL	4

Cross Reference

Murray	Midwest	Millbank	Cutler-Hammer	Fig. No.
Miscellaneous Catalog Numbers				
20 Amp Receptacle				
PM7US	U010C010			1
30 Amp Receptacle				
PM3UP		HPUP04-13C	CHU4NP	10
50 Amp / 30 Amp Receptacles				
PM13RTS	R058C			5
PM13U2B	R058CB6			30
PM13RTP	R058CP6			7
PM13US	U058C	UPO-58	CHU1N4NS	1
PM13U2B	U058CB6			30
PM13UP	U058CP6	HPUP04-58C	CHU1N4NP	10
50 Amp / 50 Amp Receptacle				
PM11US	U072C			1
30 Amp / 20 Amp / 20 Amp Receptacles				
PM377UP	U412CP6010			11
PM38F8FUS	U412G			2
PM18F8FUP	U412GP6			11
PM277RTS			CH43N7N7NS	5
PM277TS			CHM3N7N7NS	5
PM277US			CHU3N7N7NS	2
PM2F77RTS			CHR3G7N7NS	5
PM2F77TS			CHM3G7N7NS	5
PM2F77US			CHU3G7N7NS	2
PM2F8F8FRTS			CHR3G6G6GS	5
PM2F8F8FTS			CHM3G6G6GS	5
PM2F8F8FUS			CHU3G6G6GS	2
30 Amp / 30 Amp / 20 Amp Receptacles				
PM337U2B	U611CB6010	HPDUP04-61C1GR/61C1G	CHU4N7N4NB	31
PM337UP	U611CP6010	HPUP04-61C1GR/61C1G	CHU4N7N4NP	11
PM337RT2B			CHR4N7N4NB	27
PM337RT2BL			CHR4N7N4NBL	26
PM337RTP			CHR4N7N4NP	7
PM337RTPL			CHR4N7N4NPL	6
PM337RTS			CHR4N7N4NS	5
PM337RTSL			CHR4N7N4NSL	14
PM337T2B			CHM4N7N4NB	27
PM337T2BL			CHM4N7N4NBL	26
PM337TP			CHM4N7N4NP	7
PM337TPL			CHM4N7N4NPL	6
PM337TS		MUPO-61C1GR/61C1G	CHM4N7N4NS	5
PM337TSL			CHM4N7N4NSL	14
PM337U2BL			CHU4N7N4NBL	29
PM337UPL			CHU4N7N4NPL	9
PM337US		UPO-61C1GR/61CG	CHU4N7N4NS	2
PM337USL			CHU4N7N4NSL	4

Murray	Midwest	Millbank	Cutler-Hammer	Fig. No.
50 Amp / 20 Amp / 20 Amp Receptacles				
PM177TS	M076C010	MUPO-76GR/76G	CHM1N7N7NS	5
PM177RTS	R076C010		CHR1N7N7NS	5
PM177RBS	R076C010U			15
PM158FUS	U073G			2
PM177US	U076C010	UPO-76GR/76G	CHU1N7N7NS	2
PM18F8FUS	U076G			2
PM157RTS			CHR1N7N5NSX	5
PM157TS	M073C010		CHM1N7N5NSX	5
PM157US			CHU1N7N5NSX	2
PM1F5F7RTS			CHR1G7N5GSX	5
PM1F5F7TS			CHM1G7N5GSX	5
PM1F5F7US			CHU1G7N5GSX	2
PM1F5F8FRTS			CHR1G6G5GSX	5
PM1F5F8FTS			CHM1G6G5GSX	5
PM1F5F8FUS			CHU1G6G5GSX	2
PM1F77RTS			CHR1G7N7NS	5
PM1F77TS			CHM1G7N7NS	5
PM1F77US			CHU1G7N7NS	2
50 Amp / 50 Amp / 20 Amp Receptacles				
PM117TS	M004C010		CHM1N7N1NSX	5
PM117TP	M004CP6010			7
PM117U2B	U004CB6010			31
PM117UP	U004CP6010			11
PM117RTS			CHR1N7N1NSX	5
PM117US			CHU1N7N1NSX	2
PM1F1F7RTS			CHR1G7N1GSX	5
PM1F1F7TS			CHM1G7N1GSX	5
PM1F1F7US			CHU1G7N1GSX	2
PM1F1F8FRTS			CHR1G6G1GSX	5
PM1F1F8FTS			CHM1G6G1GSX	5
PM1F1F8FUS			CHU1G6G1GSX	2

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