

MIDWEST ELECTRIC PRODUCTS, INC.



QUALITY WEATHERPROOF ELECTRICAL EQUIPMENT



RECREATION



RESIDENTIAL/CONSTRUCTION



AGRICULTURE



OUTDOOR LIVING

GENERAL PRODUCTS CATALOG



**QUALITY WEATHERPROOF
ELECTRICAL EQUIPMENT**

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AGRICULTURE

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Parts &
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How to Use This Catalog



Midwest Electric Products, Inc., is pleased to introduce our product catalog. Product alpha-numerical list is found on page 9 - 11. Each platform is grouped by application within 9 clearly indexed sections of the catalog.

Each model number is described in the following manner within its respective section:

Model Layout Drawing

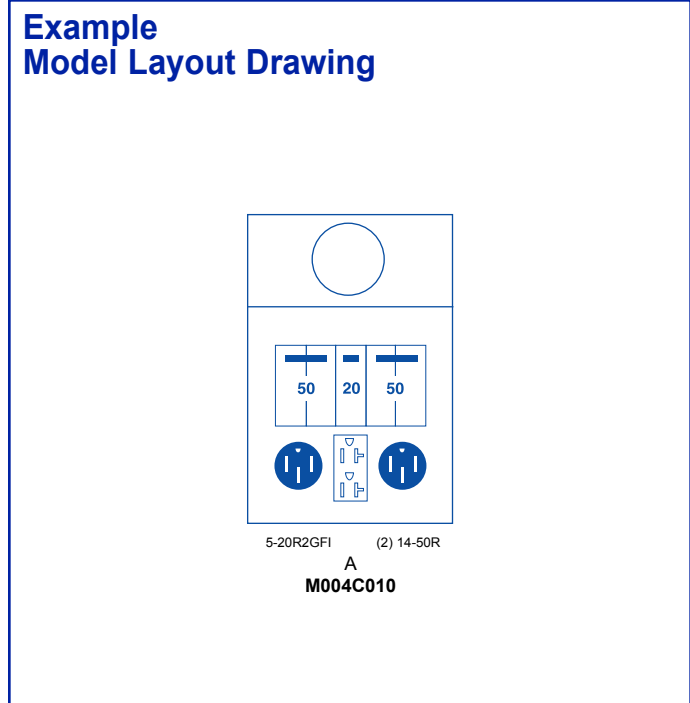
An easy-to-understand diagram that illustrates the internal component configuration.

Model Data Table

The table is located on the same page as the Model Layout Drawing. This table thoroughly defines each model, as well as all necessary ordering information. These tables may vary slightly between sections to best describe each product line.

Technical Data Table

Following the Model Data Tables and Model Layout Drawings, we have included a table at the end of each section that defines specific information including replacement parts, cabinet dimensions, enclosure styles, and knockout configurations.



Example Model Data Table

FIG.	UL	MODEL NUMBER		RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
		RING TYPE	RINGLESS										
A	Y	M004C010		5 20R2GF (2) 14 50R	(2) CB250 CB120	100	120/240	AA	9 X 30	Y	LC55N1	26	1












Example Technical Data Table (found at the end of each product section)

MODEL NUMBER	HUB OPENING	REPLACEMENT PARTS		CABINET SIZE page	ENCLOSURE STYLE page	CABINET DIMENSIONS			KNOCKOUT FIGURE page
		METER SOCKET	POST LUGS			HEIGHT	WIDTH	DEPTH	
						A	B	C	
M004C010		MSM100930		9 X 30	B	30"	9 3/4"	5 3/16"	2

How to Use This Catalog



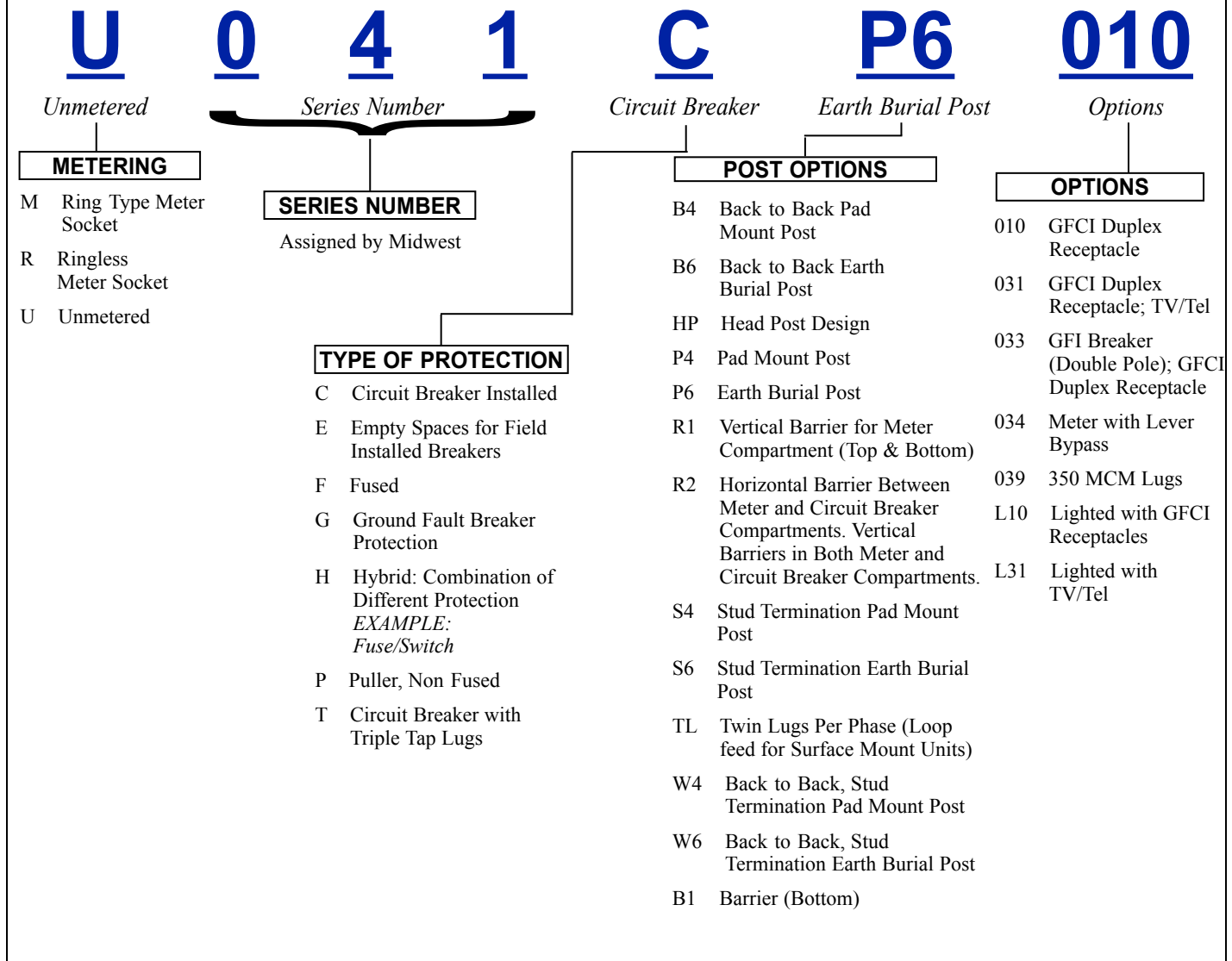
Model Diagram Symbol Key

 Meter Socket	 Timer	 For Receptacle Identification. See Application Data
 Circuit Breaker Installed: 1 pole Plug In Style	 Circuit Breaker space: 2 pole Plug In Style	 Lug
 Circuit Breaker Installed: 2 pole Plug In Style	 GE KR Style Main Breaker	 Fuse
 Circuit Breaker space: 1 pole Plug In Style	 GE KR Style Main Breaker Space	

Model Number System Key

Model Numbers are based on the following system:

Example: Model Number U041CP6010



Product Features - Surface Unit



- UL Listed

- Galvanized Steel Door Removable for Installation Ease. Stay-Open Position for User Convenience

- Label on Door Underside Provides Wiring and Renewal Parts Information

- NEMA 3R Construction for Rainproof Installations

- Paint # ASA 61 Gray

- Interchangeable Hubs Available for Field Flexibility

- Heavy Galvanized Steel Welded Flange Construction

- All Terminations Suitable for Copper or Aluminum Wire for Installation Flexibility

- Heavy Zinc Coated Steel with Highest Quality Electro-Deposition Finish Resists Corrosion and Fading

- Molded Thermal Plastic Load Center Interior for Maximum Isolation and Reliability

- Dead Front Construction Prevents Accidental Contact With Live Parts

- Quality Electrical Components for Long Life

- Three Point Mounting

- Broad Range of Concentric Knockouts to Accommodate Varied Wiring Needs

- Factory Wired and Assembled

- Padlock Provisions Can Prevent Unauthorized Entry

- Rolled Edges for User Safety and Cord Protection

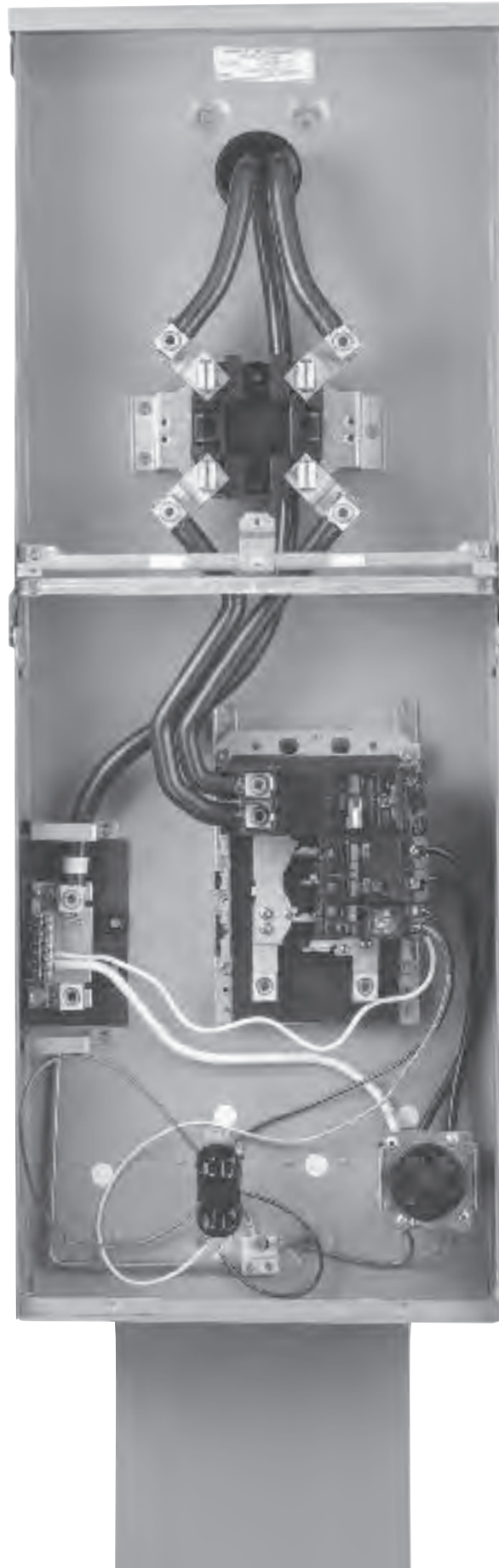


U055G

Product Features - Pedestal Unit



- UL Listed
- NEMA 3R Construction for Rainproof Installation
- Heavy Zinc Coated Steel with Highest Quality Electro-Deposition Finish Resists Corrosion and Fading
- Molded Thermal Plastic Load Center Interior for Maximum Isolation and Reliability
- Loop-Feed Terminals for Maximum Flexibility Are Standard
- All Terminals Accept Copper or Aluminum Wire
- Heavy Galvanized Steel Welded Flange Construction
- Bottom of Post has Rolled Edges to Protect Service Wires
- Padlock Provisions Can Prevent Unauthorized Entry



- Barriers Available for Line, Load and Meter Socket Isolation
- Continuous Duty Meter Socket With Meter Guides and Reinforced Jaws— Ringless and Ring Type (Meter not Included)
- Utility Accepted Meter Sealing Accommodations
- Rolled Door Edge for Cord Protection
- Circuit Breaker Mains Available
- Additional Breaker Spaces Available
- Dead Front Construction Prevents Accidental Contact with Live Parts. (Not Shown)
- Available With Specification Grade Receptacles for Cord Connected Equipment
- Factory Wired and Assembled
- Removable Post Door Allows Lay-In Wiring for Reduced Installation Time
- Single Cabinet Post Shown. Back-to-Back Double Cabinet Post Available for Fast, Attractive and Economical Multiple Site Applications
- Pad Mount Posts Also Available

M255GP6

Product Features and Warranty



All equipment manufactured by Midwest Electric Products, Inc., contains a label located on the inside of the door which gives electrical data and wiring information for the unit. On

select models the label also lists the renewal parts for the unit. Pictured below is a sample label.

TYPICAL WIRING DIAGRAM
 3 POLES 208V 3-20 AMP 1 PHASE
 MAX BRANCH OR MAIN CIRCUIT BREAKER RATING (SEE NOTE 1)

CAT No. UG412RMW250
 TYPE 3R OUTDOOR ENClosure

UL US LISTED
 CLASS. CT: PANELBOARD LOAD CENTER
 ERE341-1 Vol. I
 5000-14-10000-1 (1994)

NOTE 1:
 THIS UNIT IS LISTED ON THE FOLLOWING
 ADDITIONAL LISTING AGENCY'S LISTING SERVICE
 WWW.UL.COM
 WWW.ELECTRICAL.COM

USE ONLY WITH GE TYPE THERMALLY TRIP BREAKERS
 THAT HAVE SPECIFIC THERMAL CHARACTERISTICS
 WHICH MEET THE REQUIREMENTS OF THE LISTING

MAXIMUM RATED THERMAL CAPACITY IS 100 AMPERES
 ADDITIONAL RATING (NON-FUSED) IS 100 AMPERES FOR THE
 SYSTEMS THAT ARE NOT INSTALLED IN THE PANELBOARD
 (SEE NOTE 1)

WARNING:
 THE CIRCUIT BREAKERS IN THIS BOX HAVE BEEN
 DESIGNED TO PROTECT THE WIRING TO AND FROM
 THIS BOX. THE USE OF PROTECTIVE DEVICES NOT
 LISTED WITH THIS EQUIPMENT MAY BE DANGEROUS.
 IF CHANGES ARE MADE, CALL A QUALIFIED
 ELECTRICAL CONTRACTOR.

USE COPPER OR ALUMINUM WIRE
 THE SIZE OF THE WIRE MUST BE AS SPECIFIED ON THE
 NEUTRAL TERMINALS. SEE THE INFORMATION FOR THE
 WIRE TEMPERATURE RATING.

ALUMINUM CONNECTIONS TO THE MAIN AND
 OVERHEADS MUST BE MADE USING ALUMINUM WIRE OR
 COPPER WIRE WITH COPPER ALUMINUM CONNECTORS
 (SEE THE LISTING AGENCY'S LISTING SERVICE)

WARNING: FOR USE AS SERVICE EQUIPMENT WHEN NOT
 MORE THAN 0.5 AMPERES (SEE THE LISTING AGENCY'S
 LISTING SERVICE) IS NOT TO BE USED AS A LIGHTING AND
 APPLIANCE BRANCH CIRCUIT OVERCURRENT PROTECTIVE DEVICE (OCPD) OF THE A.C.

THE SHORT CIRCUIT RATING OF THE WIRING IS
 EQUAL TO THE LOWEST INTERRUPTING RATING OR ANY
 INSTALLED CIRCUIT BREAKER (NOT MORE THAN 10000
 AMPERES WITH 250 VOLTAGE) AT 250 VOLT.

DANGER
 HAZARD OF ELECTRICAL SHOCK OR BURN EXIST
 WHEN REPAIRING WORKING INSIDE THIS EQUIPMENT

REPAIRABLE TERMINALS

CONDUCTOR	1/4"	3/8"	1/2"	3/4"	1"	1 1/2"
TYPE	100	150	200	250	350	500

NEUTRAL AND EQUIPMENT GROUNDING WIRE

	3 POLE	3 PHASE
1/4"	1/4"	1/4"
3/8"	3/8"	3/8"
1/2"	1/2"	1/2"
3/4"	3/4"	3/4"

SLOTTED WIRE

TYPE	1/4"	3/8"	1/2"
1/4"	1/4"	1/4"	1/4"
3/8"	3/8"	3/8"	3/8"
1/2"	1/2"	1/2"	1/2"

THIS CONNECTION IS MADE TO THE MAIN AND OVERHEADS
 (SEE THE LISTING AGENCY'S LISTING SERVICE)

SAL 1 MIDWEST ELECTRIC PRODUCTS, INC.
 MIDWEST ELECTRIC PRODUCTS, INC.
 1400 N. 11TH ST.
 WISCONSIN 53090-2400
 WWW.MIDWESTELECTRIC.COM

Warranty

MIDWEST ELECTRIC PRODUCTS, INC.

The Company warrants to the Purchaser that the equipment to be delivered hereunder will be free from defects in material or workmanship and will be of the kind and quality designated or specified in the contract.

This warranty shall apply only to defects appearing within one year from the date of shipment by the Company.

If the equipment delivered hereunder does not meet the above warranty, and if the Purchaser promptly notifies the Company, the Company shall thereupon correct any defect including nonconformance with the specifications either (at its option), by repairing any defective or damaged parts of the equipment, or by making available at the Company's plant necessary repaired or replacement parts. The liability of the Company under this warranty (except as to title), or for any loss or damage to the equipment whether the claim is based on contract or negligence, shall not in any case exceed the cost of correcting defects in the equipment as herein provided and upon the expiration of the warranty period all such liability shall terminate. The foregoing shall constitute the exclusive remedy of the Purchaser and the exclusive liability of the Company.

The foregoing warranty is exclusive and in lieu of all other warranties, whether written, oral, implied, or statutory (except as to title). NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE SHALL APPLY. The Company does not warrant any equipment of other manufacture designated by Purchaser.

Alpha-Numerical Listing



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U011CTL010	75	U055010	60	U25	118
U011F	58	U055C010	47,76	U254C	19
U011G	46,75	U055C033	47	U261F	40
U011GB4	80	U055CP4010	78	U280C1	19
U011GB6	80	U055CP6010	78	U281C1	19
U011GP4	78	U055F	60	U281C1P6H	24
U011GP6	78	U055G	47,76	U281E1	19
U011GTL	46,75	U055GB6	80	U281E1P6H	24
U012010	58	U058C	60	U30	118
U012010GRP	62	U058CB6	63	U35	118
U013	58	U058CP6	63	U354C	18,60
U013C	59	U061C	60	U355C010	76
U013F	59	U061CB6	63	U355G	76
U014C010	59	U061CP6	63	U355GP6	79
U014CP6010	59	U061CTL	60	U361G	61
U020N	114	U0653F	38	U40	118
U022N	114	U0653F010	39	U412CP6010	79
U023	59	U0653P	38	U412G	76
U025S	62	U0653P010	39	U412GP6	79
U030	46	U065F010	39	U501	61
U030N	114	U065F1	38	U511C	61
U031C010	75	U065NA1	39	U511G	61
U0353F	38	U065NA1010	39	U546	61
U0353F010	39	U065NA2	39	U550F	61
U035F010	39	U065P	38	U610F	39
U035F2	38	U065P010	39	U611CB4010	80
U036C010	46	U065PC2	39	U611CB6010	80
U036C033	46	U065PD	38	U611CP4010	79
U036G	46	U070C	60	U611CP6010	79
U038C010	46	U072C	48	U611CTL010	76
U038C033	46	U073G	48	U611GTL	76
U038CTL010	46	U074GTL	76	U614C	61
U038CTL033	46	U075C	60	U614CB6	61
U038G	46	U075CB4010	80	U666C010	61
U039G6	47	U075CB4031	80,86	U775C010	76
U04	118	U075CB4L10	85	U775CP4010	79
U040G	75	U075CB6010	80	U775CP6010	79
U040GP4	78	U075CB6031	80,86	U870G	61
U040GP6	78	U075CB6L10	85	UH11AL	119
U040GP6010	78	U075CP4010	78	UH12AL	119
U040GTL	75	U075CP4031	78,86	UH20GG	119
U041	59	U075CP4L10	85	UH90G	119
U041010	59	U075CP4L31	85,86	UH90GT	119
U041C	59	U075CP6010	78	UH90ST	119
U041C010	75	U075CP6010D	78	UG412RMW250	71
U041CB4010	80	U075CP6031	78,86	UG412RMW260	71
U041CB4L10	85	U075CP6039	78	UL412RMW	18
U041CB6010	80	U075CP6039D	78	UWATER34	119
U041CB6L10	85	U075CP6L10	85	VWJZHAAW	98
U041CP4010	78	U075CP6L31	85,86	VWJZHAUW	98
U041CP4031	78	U075CTL010	76	VWJZHCQW	98
U041CP4039	78	U075CTLL10	84	VWJZHCWSW	98
U041CP4L10	85	U075GB6	80	VWKJHAAW	98
U041CP6010	78	U075GP4	78	VWKJHAUW	98
U041CP6031	78,86	U075GP4L	85	VWKJHCQW	98
U041CP6039	78	U075GP6	78	VWKJHCSW	98
U041CP6L10	85	U075GP6019	78		
U041CTL010	75	U075GP6L	85		
U041CTLL10	84	U075GTL	76		
U041F	59	U076C010	48,76		



Application Information

Where electrical power enters a building or other structure, the National Electrical Code (NEC) requires electrical distribution equipment rated as “Service Entrance.” Such service equipment usually consists of one main breaker disconnect or space for up to 6 main disconnects (Ref. 2008 NEC Article 230.71). Midwest Models meet these NEC requirements and are UL listed as service entrance equipment.

Service entrance products are typically utilized on single family residences and mobile homes. Additionally, service entrance for mobile homes is generally located within 30 feet of the mobile home (Ref. 2008 NEC Article 550.32). This location requirement by the NEC and the common use of underground service feeders, combine to make service entrance on a pedestal the preferred installation method by many park owners. Midwest offers a broad range of pedestal units, factory assembled and wired, with loop feed lugs to reduce installation time and labor expense. Midwest also offers a wide selection of surface units for single family residences and mobile home sites.



Specifications and Features

- Heavy galvanized “G90” 16-gauge steel, with highest quality electro-deposition finish, resists corrosion and fading
- 200 or 125 amp continuous duty meter socket with meter guides and reinforced jaws for ring and ringless type sockets
- Utility meter socket compartment barriered from breaker mains for utility power protection
- UL listed “Suitable for use as service equipment”
- Rated NEMA 3R - weather proof equipment
- All terminals accept copper or aluminum wire for added installation flexibility
- Doors have padlock provision to prevent unauthorized entry
- Supplied with 12-2 Cu/Al equipment ground lug
- 120/240 Volt
- Note: Ringless metered units come standard with horn bypass
- All GFCI Duplexes are listed as Weather Resistant and Tamper Resistant as required by 2008 NEC in Article 406.8 and 406.11.

Post Models:

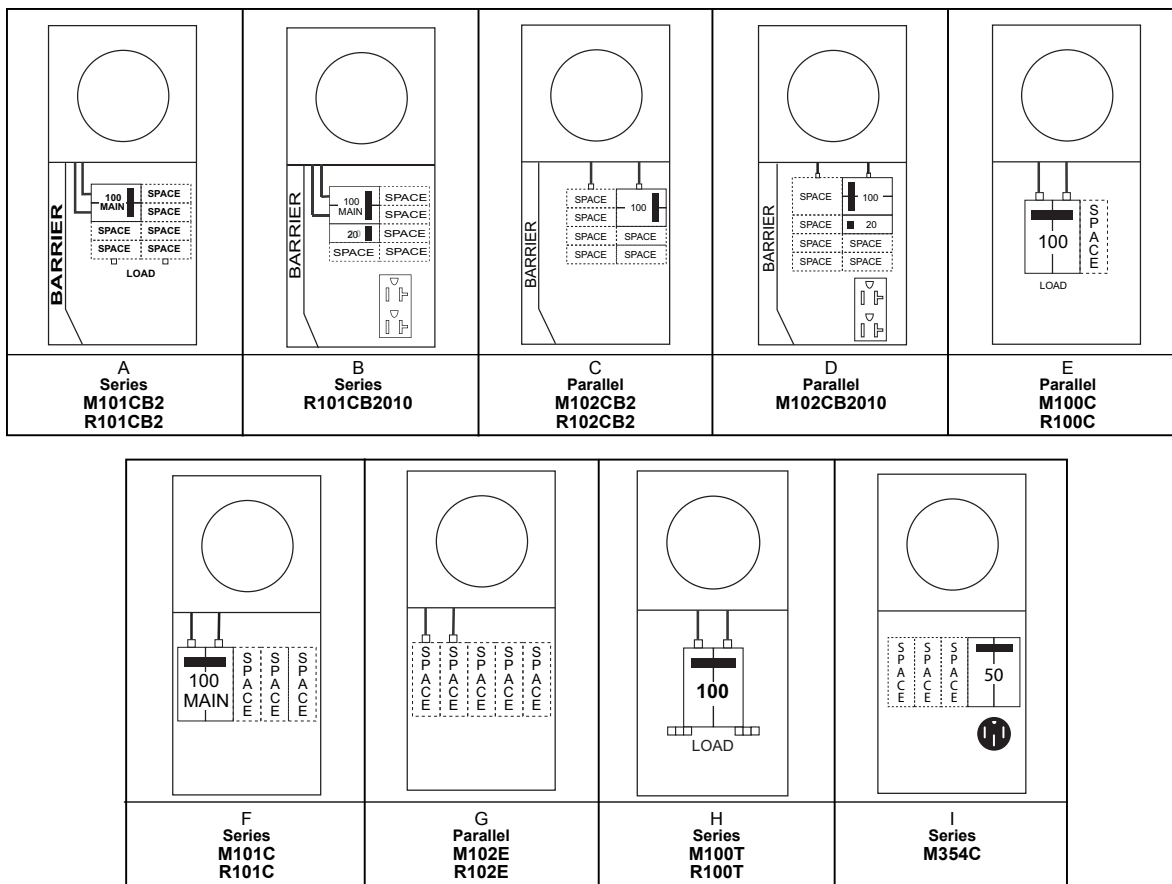
- 200 Amp Factory wired loop feed lugs
- Removable post door allows lay in wiring
- Rolled edge post bottoms to protect service cable
- Posts available with stud terminations to accept compression type lugs
- Locking hasp for utility seal on post covers

Service Equipment - Surface



100A - Metered

Service Equipment



Overhead/Underground Feed

FIG.	MODEL NUMBER		INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER	UNIT WT.	STD. PKG.	UL
	RING TYPE	RINGLESS								
A	M101CB2	R101CB2 ~	CB2100	6	AN	14 X 26	LC88PC	38	1	Y
B	—	R101CB2010	CB2100, CB120	5	AN	14 X 26	LC88PC	38	1	Y
C	M102CB2	R102CB2 ~	CB2100	6	AN	14 X 26	LC88PC	38	1	Y
D	M102CB2010	—	CB2100, CB120	5	AN	14 X 26	LC88PC	38	1	Y

~ Available with barrel lock – add “LK” after model number

Overhead Feed

FIG.	MODEL NUMBER		INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER	UNIT WT.	STD. PKG.	UL
	RING TYPE	RINGLESS								
E	M100C	R100C	CB2100	1	AB	9 X 30	LC33N1	24	1	Y
F	M101C %	R101C	CB2100	3	AB	9 X 30	LC55N1	25	1	Y
G	M102E	R102E #	—	5	AB	9 X 30	LC55N1	24	1	Y
H	M100T ¹	R100T ¹	CBT2102	0	AB	9 X 30	LC32X1	24	1	Y
I	M354C	—	CB250	3	AD	9 X 30	LC55N1	25	1	Y

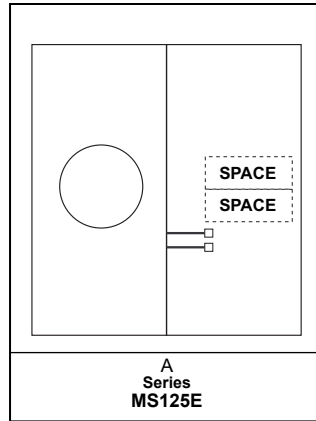
Available with Neutral, order R102EN. Consult representative/utility for local utility acceptance.

% Available with copper wire, order M101CC.

¹ “Triple-Tap” - 3 Load Lugs per Phase

* Wire Range Table page 32

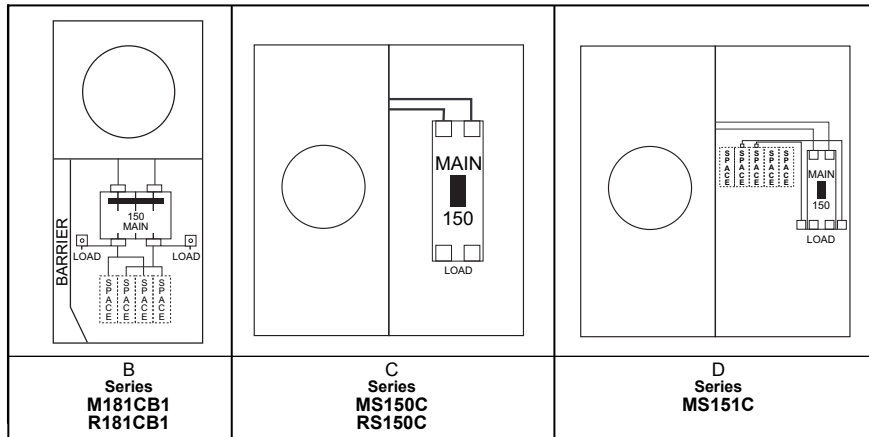
125A - Metered



Side by Side - Overhead/Underground Feed

FIG.	MODEL NUMBER	INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER	UNIT WT.	STD. PKG.	UL
A	MS125E	NONE	2	BC	16 X 17	PC2LC	24	1	Y

150A - Metered



Overhead/Underground Feed

FIG.	MODEL NUMBER		INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER		UNIT WT.	STD. PKG.	UL
	RINGTYPE	RINGLESS					TOP	BOTTOM			
B	M181CB1	R181CB1	CB4150H	4	BG	14 X 28	LCTL	LCBS	34	1	Y

Side by Side - Overhead/Underground Feed

FIG.	MODEL NUMBER		INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER	UNIT WT.	STD. PKG.	UL
	RINGTYPE	RINGLESS								
C	MS150C	RS150C	CB2150B	0	BC	17 X 26	—	41	1	Y
D	MS151C	—	CBL2151	5	BC	17 X 26	LC55N1	43	1	Y

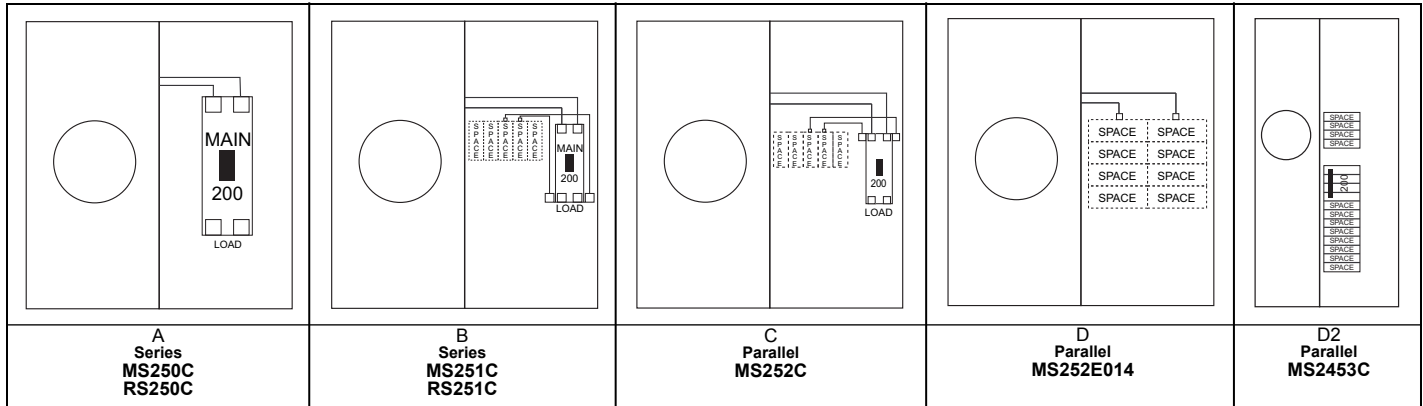
* Wire Range Table pages 32-33

Service Equipment - Surface



200A - Metered

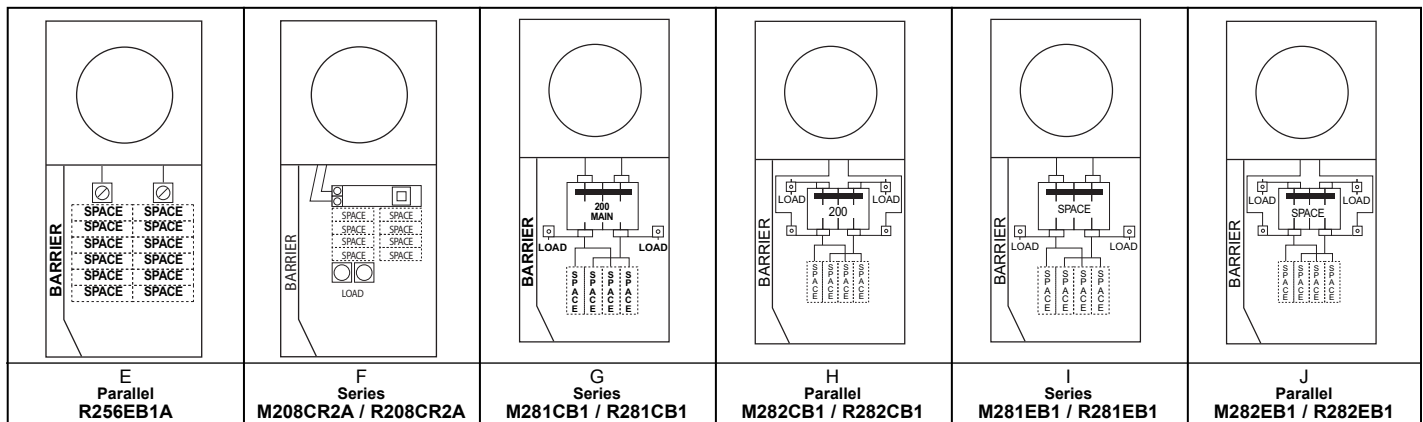
Service Equipment



Side by Side - Overhead/Underground Feed

FIG.	MODEL NUMBER		INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER	UNIT WT.	STD. PKG.	UL
	RINGTYPE	RINGLESS								
A	MS250C	RS250C	CB2201	0	BC	17 X 26	—	41	1	Y
B	MS251C	RS251C	CBL2201	5	BC	17 X 26	LC55N1	41	1	Y
C	MS252C	—	LCB2201	5	BC	17 X 26	LC55N1	43	1	Y
D	MS252E014 ¹	—	—	8	BC	14 X 31	LC88X2	39	1	Y
D2	MS2453C	—	CB4200H	8	BC	14 X 31	LC88X2	38	1	Y

¹ Space for 8-Single Pole Breakers or 200A Main and 4-Single Pole Breakers



Overhead/Underground Feed

FIG.	MODEL NUMBER		INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER		UNIT WT.	STD. PKG.	UL
	RING TYPE	RINGLESS					TOP	BOTTOM			
E	—	R256EB1A ^{2, 3}	—	12	—	14 X 26	—	—	32	1	Y
F	M208CR2A	R208CR2A	CB2200B	8	AN	14 X 28	LC1212PC		46	1	Y
G	M281CB1	R281CB1 ~	CB4200H	4	BK	14 X 28	LCTNL	LCBS	34	1	Y
H	M282CB1 &	R282CB1 ~	CB4200H	4	BK	14 X 28	LCTL	LCBS	35	1	Y
I	M281EB1	R281EB1	—	5	BK	14 X 28	LCTNL	LCBS	33	1	Y
J	M282EB1	R282EB1	—	5	BK	14 X 28	LCTL	LCBS	33.2	1	Y

² Available with aluminum bussing and aluminum enclosure - R256EB1018A

³ Available with galvanized enclosure with neutral installed - R256EB1NA

~ Available with barrel lock – add “LK” after model number

& Available with copper wire - M282CB1C

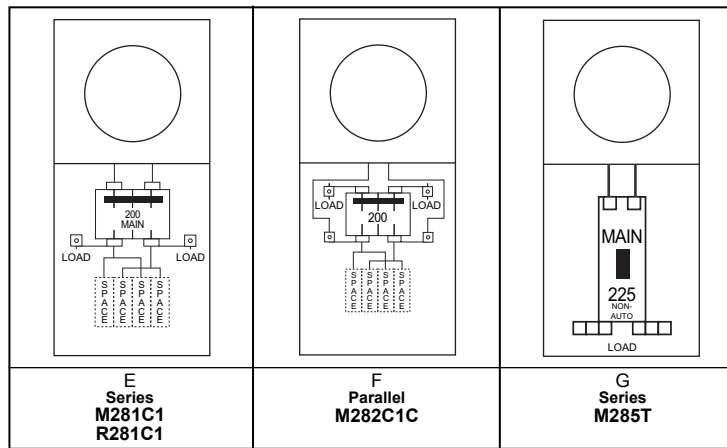
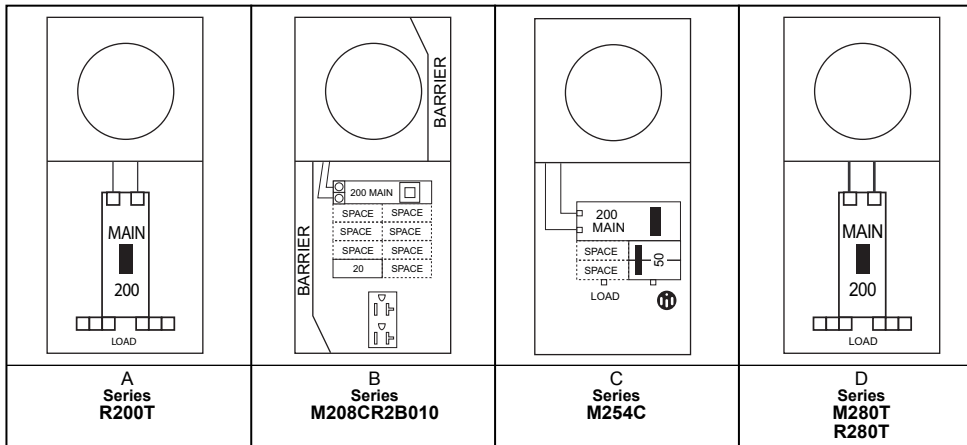
* Wire Range Table pages 32-33

Service Equipment - Surface



Service Equipment

200A - Metered



Overhead Feed

FIG.	MODEL NUMBER		INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER		UNIT WT.	STD. PKG.	UL
	RING TYPE	RINGLESS					TOP	BOTTOM			
A	-----	R200T ²	265A6249G1	0	AF	14 X 38	NONE		42	1	Y
B	M208CR2B010	-----	CB2200B, CB120	7	AN	14 X 38	LC1212PC		50	1	Y
C	M254C	-----	CB2200B, CB250	2	S	14 X 38	LC88PC		40	1	Y
D	M280T ²	R280T ^{2, %}	265A6249G10	0	BD	9 X 32	NONE		32	1	Y
E	M281C1	R281C1	CB4200H	4	BK	9 X 30	LCTL	LCBS	26	1	Y
F	M282C1C ¹	-----	CB4200H	4	BJ	9 X 30	LCTL	LCBS	26	1	Y
G	M285T ^{2, 3}	-----	CBT2201N	0	BD	9 X 32	NONE		27	1	Y

¹ Copper Wired

² "Triple-Tap" - 3 Load Lugs per Phase

³ 225-Amp Non-Auto Switch, No Circuit Protection

% Available with earth burial post - R280TP6HP

* Wire Range Table pages 32-33

Service Equipment - Surface



100A - Unmetered

Service Equipment

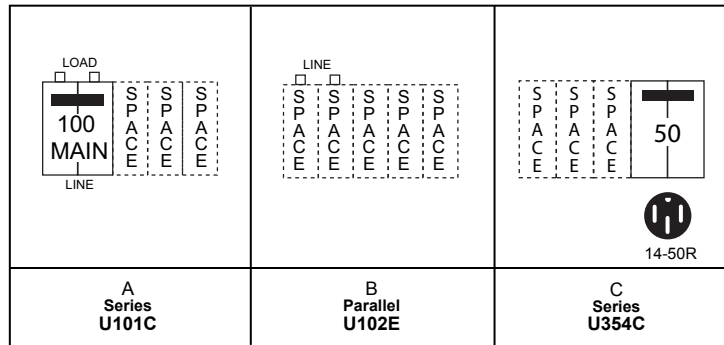


FIG.	MODEL NUMBER	INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER	UNIT WT.	STD. PKG.	UL
A	U101C	CB2100	3	Z	9 X 17	LC55N1	15	1	Y
B	U102E	NONE	5	V	9 X 17	LC55N1	15	1	Y
C	U354C	CB250	3	V	9 X 17	LC55N1	16	1	Y

* Wire Range Table page 33

125A - Unmetered

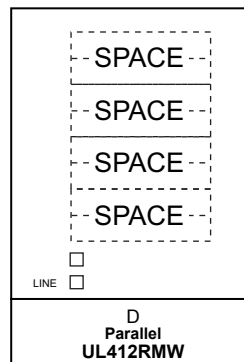


FIG.	MODEL NUMBER	INSTALLED BREAKER	SPACES	WIRE RANGE	CABINET SIZE	LOAD CENTER	UNIT WT.	STD. PKG.	UL
D	UL412RMW ²	NONE	4/8	6-2/0	7 X 10	425D549P1	7	1	Y

² (4) 1" Spaces or (8) 1/2" Spaces Available

Service Equipment - Surface



Service Equipment

150A - Unmetered

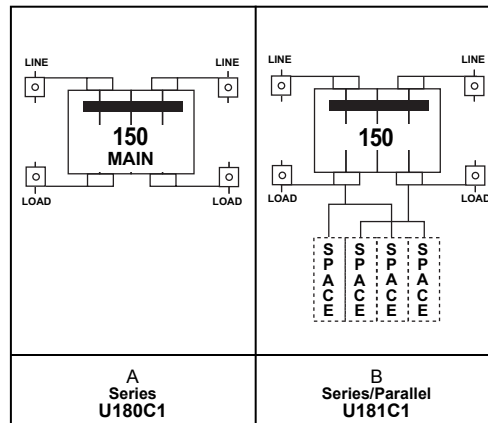


FIG.	MODEL NUMBER	INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER		UNIT WT.	STD. PKG.	UL
						TOP	BOTTOM			
A	U180C1	CB4150H	0	AW	9 X 21	LCTL	LCBNS	15	1	Y
B	U181C1 ¹	CB4150H	4	AX	9 X 21	LCTL	LCBS	21	1	Y

¹ Series or Parallel Wired

200A - Unmetered

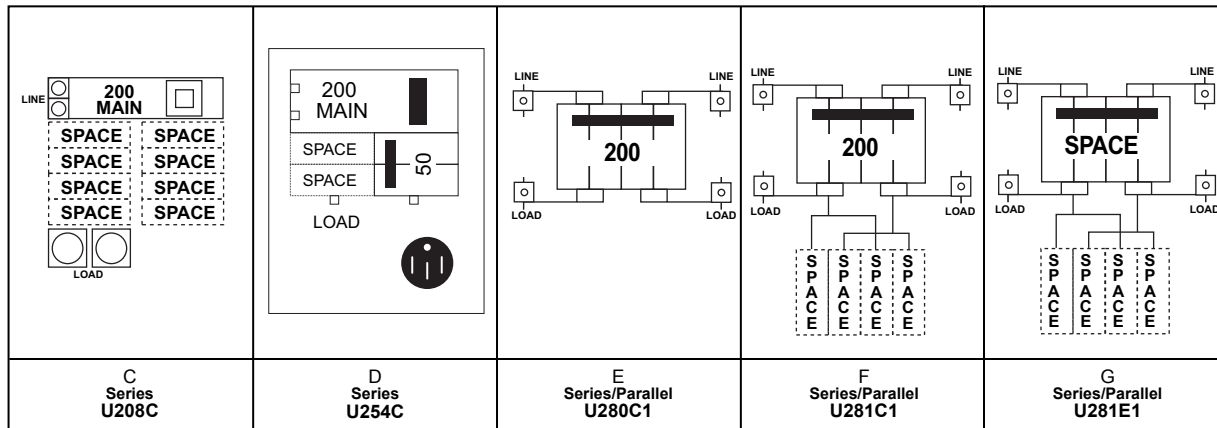


FIG.	MODEL NUMBER	INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER		UNIT WT.	STD. PKG.	UL
						TOP	BOTTOM			
C	U208C	CB2200B	8	AN	14 X 21	LC1212PC		30	1	Y
D	U254C	CB2200B, CB250	2	AN	14 X 21	LCTL	LCBS	40	1	Y
E	U280C1 ¹	CB4200H	0	BF	9 X 21	LCTL	LCBNS	18.2	1	Y
F	U281C1 ¹	CB4200H	4	BG	9 X 21	LCTL	LCBS	18.7	1	Y
G	U281E1 ¹	—	5	BG	9 X 21	LCTNL	LCBS	—	1	Y

¹ Series or Parallel Wired

* Wire Range Table pages 32-33

400AMP

Features

Service Equipment

- UL Listed “Suitable for use as service equipment” (Panelboard No. 67 and Meter Sockets No. 414).
- Units supplied with factory installed main breakers rated 22KAIC where applicable.
- Units available with or without load center with 8 circuit models being standard. Other configurations available, Consult Manufacturer.
- Load centers are provided with copper bus, 22 KAIC bus bracing, and 100% neutral terminations. Feed-through lugs provided on load centers with main breakers.
- 320 amp continuous duty meter socket, available in ring-type, K-4 bolt on, or ringless (lever bypass).
- All terminals accept copper or aluminum wire for added installation flexibility.
- Utility meter socket compartment has barrier from main circuit breakers for utility power protection.
- Provided with factory-installed flange for easy semi-flush or surface installation.
- Heavy galvanized “G90” steel with highest quality powder coat finish that resists corrosion and fading, NEMA 3R.
- Underground feed only, series wired, 240V Single Phase, Branch circuits accept combinations up to 200A.
- 5th Jaw Optional - Order Model # MS5MIL
- Line side 1/2” stud termination provided, however, crimp-on/connector lug not provided by Midwest.
- No Hub Provision. Bottom Feed Only.



RS45508C

400AMP - Ring Type**

MODEL NUMBER	INSTALLED BREAKER		1st OCP Device Rating	2nd OCP Device Rating	MAX 1" C/B	WIRE RANGE*	CABINET SIZE	LOAD CENTER	UNIT WT.	STD. PKG.	UL
MS45500C	B	B	200 AMP	200 AMP	--	*	31 x 33	----	95	1	Y
MS45508C	B	B	200 AMP	200 AMP	8	*	31 x 33	8 Circuits	99	1	Y

400AMP - Ringless with Lever Bypass**

MODEL NUMBER	INSTALLED BREAKER		1st OCP Device Rating	2nd OCP Device Rating	MAX 1" C/B	WIRE RANGE*	CABINET SIZE	LOAD CENTER	UNIT WT.	STD. PKG.	UL
RS43308C	A	A	150 AMP	150 AMP	8	*	31 x 33	8 Circuits	99	1	Y
RS45500C	B	B	200 AMP	200 AMP	--	*	31 x 33	----	95	1	Y
RS45508C	B	B	200 AMP	200 AMP	8	*	31 x 33	8 Circuits	99	1	Y

* Wire Range and Knockout Configuration on page 31.

** Consult manufacturer for Florida Metering Group (FMG) approved models.

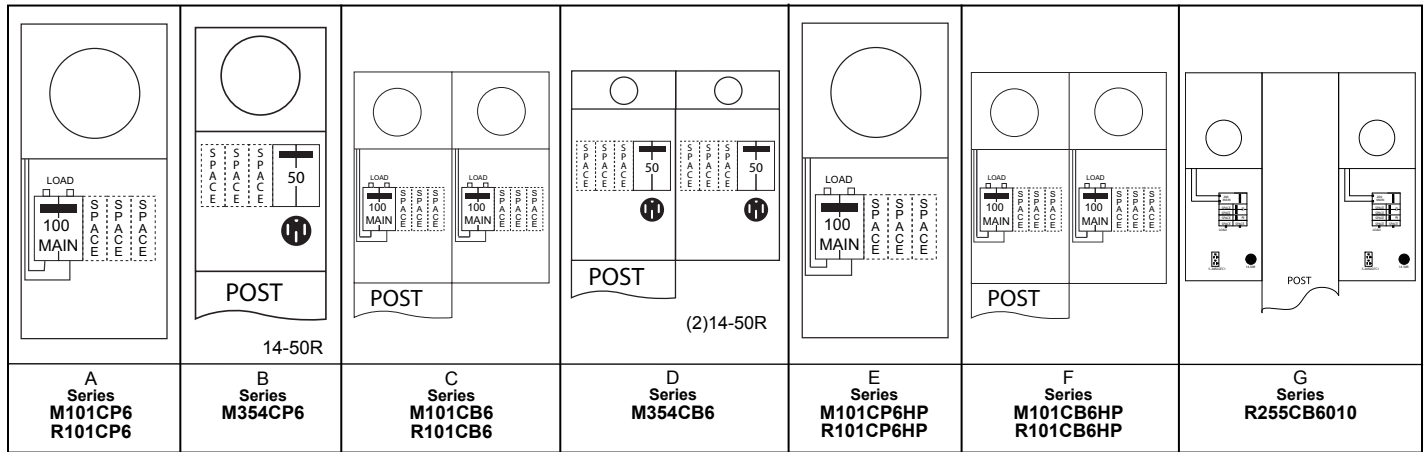
Installed Breakers:

A) CB2151H

B) CB2201H

100A - Metered

Service Equipment



Inline Post

FIG.	MODEL NUMBER		INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER	UNIT WT.	STD. PKG.	UL
	RING TYPE	RINGLESS								
A	M101CP6 &, %	R101CP6	CB2100	3	T2	9PT	LC55N1	59	1	Y
B	M354CP6	----	CB250	3	AS	9PT	LC55N1	59	1	Y

& Available in Ring Type, pad mount - M101CP4

% Available in Ring Type, copper wire - M101CP6C

Back-to-Back Inline Post

FIG.	MODEL NUMBER		INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER	UNIT WT.	STD. PKG.	UL
	RING TYPE	RINGLESS								
C	M101CB6	R101CB6	CB2100	3	T2	9PT	LC55N1	82	1	Y
D	M354CB6	----	CB250	3	AT	9PT	LC55N1	82	1	Y

Head Post

FIG.	MODEL NUMBER		INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER	UNIT WT.	STD. PKG.	UL
	RING TYPE	RINGLESS								
E	M101CP6HP ¹	R101CP6HP	CB2100	3	S	9HP	LC55N1	80	1	Y

¹ Available with GFCI duplex receptacle in Ring Type only - M101CP6HP010

Back-to-Back Head Post

FIG.	MODEL NUMBER		INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER	UNIT WT.	STD. PKG.	UL
	RING TYPE	RINGLESS								
F	M101CB6HP	R101CB6HP	CB2100	3	S	9HP	LC55N1	110	1	Y
G	—	R255CB6010	CB2200B CB250 CB120	5	S	14PT	LC1212PC	101	1	N

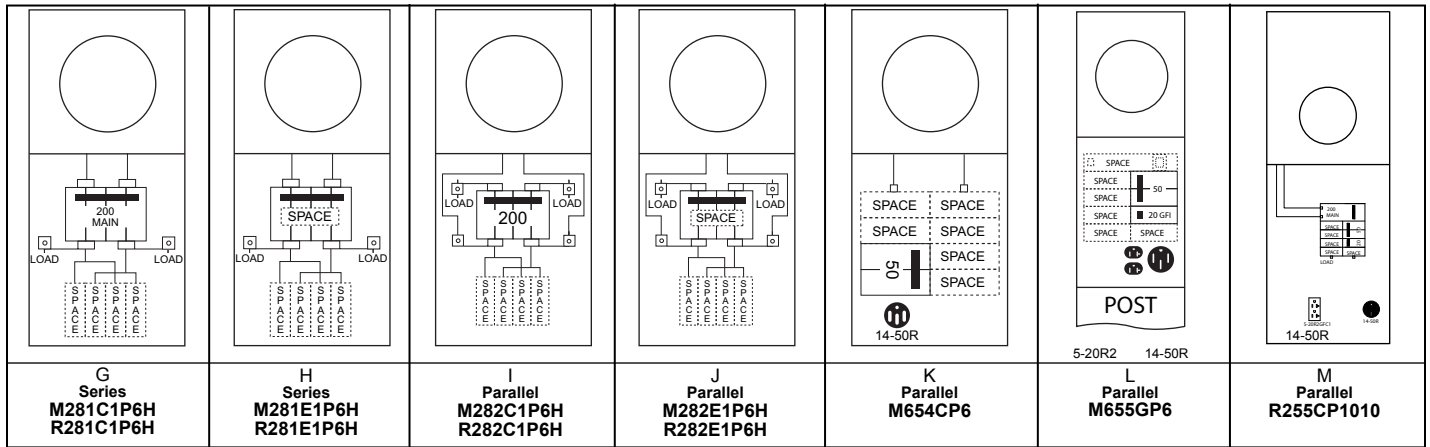
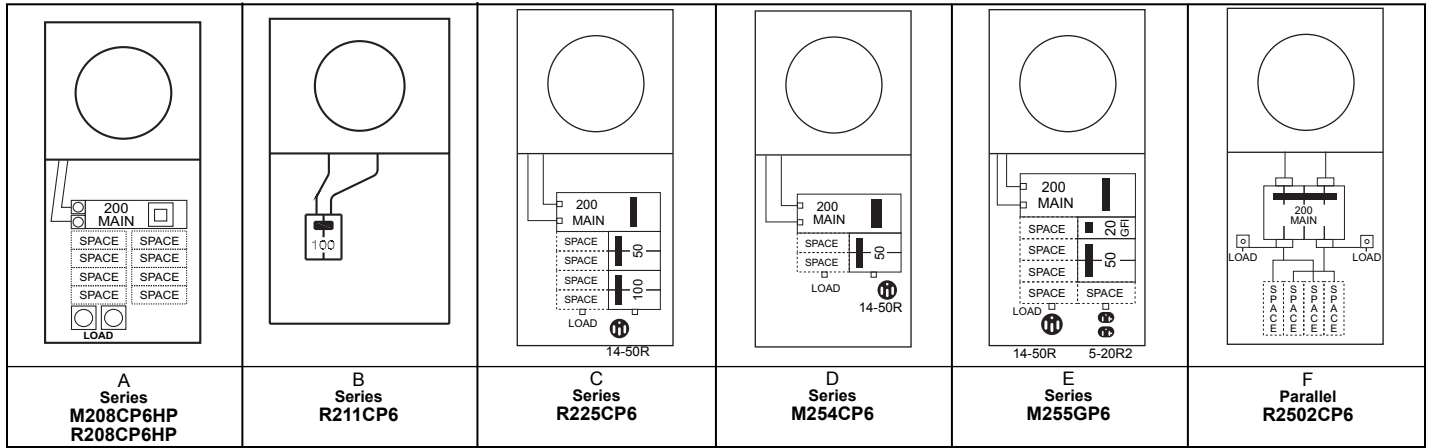
* Wire Range Table pages 32-33

Service Equipment - Pedestals



200A - Metered

Service Equipment



Inline & Head Post

FIG.	MODEL NUMBER		INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER		UNIT WT.	STD. PKG.	UL
	RINGTYPE	RINGLESS					TOP	BOTTOM			
A	M208CP6HP	R208CP6HP	CB2200B	8	S	14HP	LC1212PC		85	1	Y
B	—	R211CP6	CB2100	0	S	9PT	PC2LC		53	1	Y
C	—	R225CP6 ¹	CB2200B CB2100, CB250	4	S	14PT	LC1212PC		88	1	Y
D	M254CP6 ¹	—	CB2200B, CB250	2	S	14PT	LC88PC		96	1	Y
E	M255GP6 ¹	—	CB2200B CB250, GF1120	5	S	14PT	LC1212PC		87	1	Y
F	—	R2502CP6	CB4200H	4	BM	9PT	LCTL	LCBS	53	1	Y
G	M281C1P6H ^{2,%}	R281C1P6H ³	CB4200H	4	S	6H	LCTNL	LCBS	68	1	Y
H	M281E1P6H	R281E1P6H	—	5	S	6H	LCTNL	LCBS	67	1	Y
I	M282C1P6H ^{2,%}	R282C1P6H	CB4200H	4	S	6H	LCTNL	LCBS	69	1	Y
J	M282E1P6H ²	R282E1P6H	—	5	S	6H	LCTNL	LCBS	68	1	Y
K	M654CP6 ¹	—	CB250	6	S	14PT	LC88PC		85	1	Y
L	M655GP6 ¹	—	CB250, GF1120	9	S	14PT	LC1212PC		85	1	Y
M	—	R225CP6010	CB2200B, CB250, CB120	5	S	14PT	LC1212PC		88	1	N

¹ Rated as Temporary Site Service Equipment

² Available w/ GFCI Receptacle installed – add “010” after model number

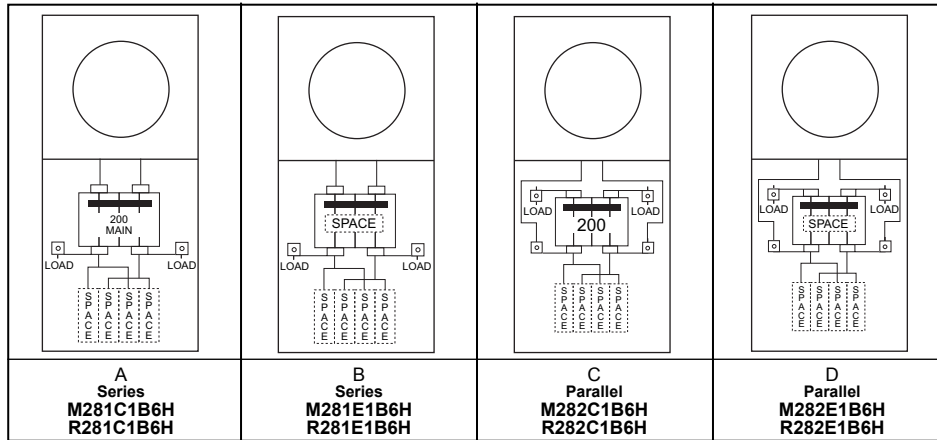
% Available in Ring Type w/ stud termination - M281C1S6H & M282C1S6H

* Wire Range Table page 33

³ Available in Ring Type w/stud termination and copper wire - M281C1S6HC, R281C1S6HC

⁴ Available in Ring Type w/ copper wire - M282C1P6HC

200A - Metered



Back-to-Back Head Post

FIG.	MODEL NUMBER		INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER		UNIT WT.	STD. PKG.	UL
	RINGTYPE	RINGLESS					TOP	BOTTOM			
A	M281C1B6H	R281C1B6H	CB4200H	4	S	6H	LCTNL	LCBS	101	1	Y
B	M281E1B6H	R281E1B6H	—	5	S	6H	LCTNL	LCBS	101	1	Y
C	M282C1B6H	R282C1B6H	CB4200H	4	S	6H	LCTNL	LCBS	101	1	Y
D	M282E1B6H	R282E1B6H	—	5	S	6H	LCTNL	LCBS	101	1	Y

* Wire Range Table page 33

100A - Unmetered

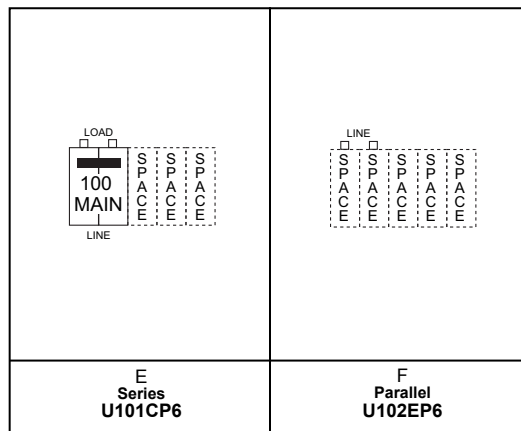


FIG.	MODEL NUMBER	INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER	UNIT WT.	STD. PKG.	UL
E	U101CP6	CB2100	3	T2	9PT	LC55N1	46	1	Y
F	U102EP6	NONE	5	V	9PT	LC55N1	46	1	Y

* Wire Range Table page 33

Service Equipment - Pedestals



200A - Unmetered

Service Equipment

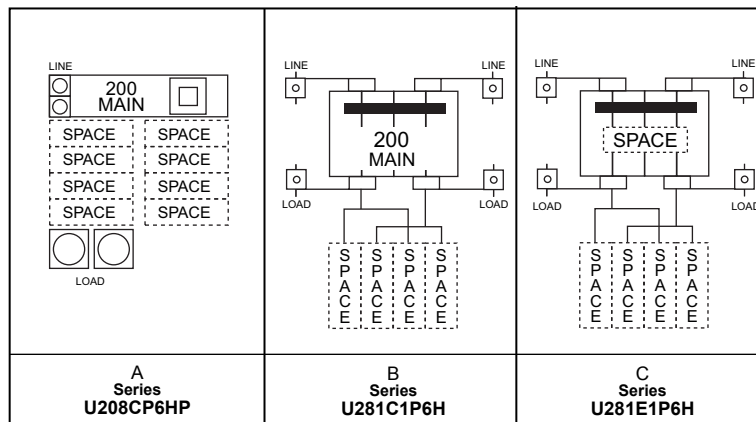
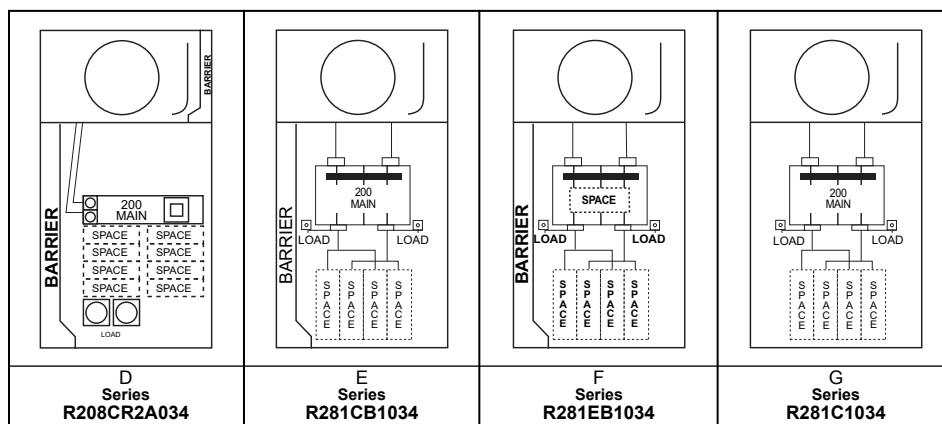


FIG.	MODEL NUMBER	INSTALLED BREAKER	SPACES	WIRE RANGE*	CABINET SIZE	LOAD CENTER		UNIT WT.	STD. PKG.	UL
						TOP	BOTTOM			
A	U208CP6HP	CB2200B	8	S	14HP	LC1212PC		80	1	Y
B	U281C1P6H	CB4200H	4	S	6H	LCTL	LCBS	62	1	Y
C	U281E1P6H	—	5	S	6H	LCTNL	LCBS	62	1	Y

200A - Ringless, Metered Lever Bypass



Surface - Overhead/Underground Feed

FIG.	MODEL NUMBER	INSTALLED BREAKER	SPACES	VOLTS	PHASE	WIRE RANGE*	CABINET SIZE	LOAD CENTER		UNIT WT.	STD. PKG.	UL
								TOP	BOTTOM			
D	R208CR2A034 %	CB2200B	8	120/240	1	BK	14 X 32	LC1212PC		38.4	1	Y
E	R281CB1034	CB4200H	4	120/240	1	BK	14 X 32	LCTL	LCBS	38.4	1	Y
F	R281EB1034	-----	4	120/240	1	BK	14 X 32	LCTL	LCBS	38.4	1	Y

% Loop feed lugs installed

Surface - Overhead Feed

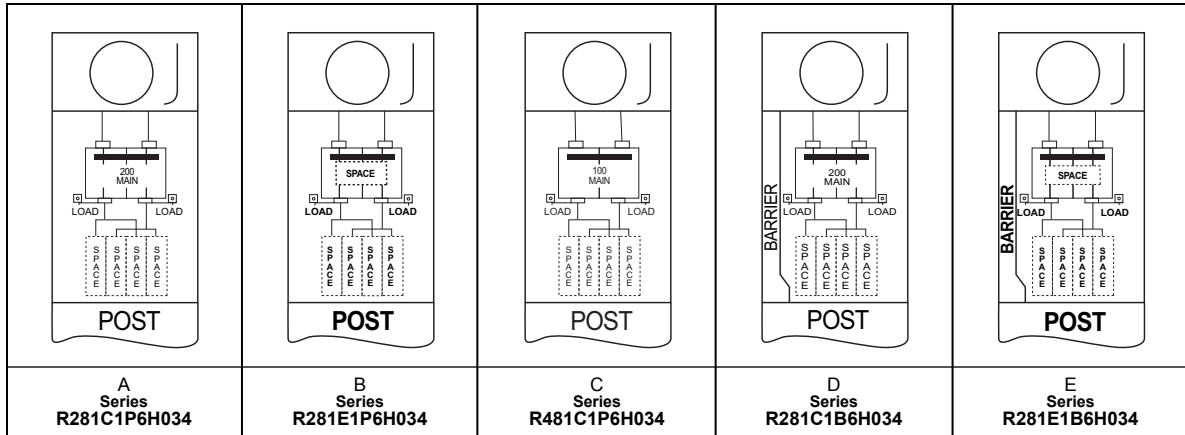
G	R281C1034	CB4200H	4	120/240	1	BK	14 X 32	LCTL	LCBS	38.4	1	Y
---	-----------	---------	---	---------	---	----	---------	------	------	------	---	---

* Wire Range Table page 33

Service Equipment - Lever Bypass



200A - Ringless, Metered Lever Bypass



Service Equipment

Single Sided Pedestal

FIG.	MODEL NUMBER	INSTALLED BREAKER	SPACES	VOLTS	PHASE	WIRE RANGE*	CABINET SIZE	LOAD CENTER		UNIT WT.	STD. PKG.	UL
								TOP	BOTTOM			
A	R281C1P6H034	CB4200H	4	120/240	1	S	6H034	LCTL	LCBS	83.5	1	Y
B	R281E1P6H034	-----	4	120/240	1	S	6H034	LCTL	LCBS	83.5	1	Y
C	R481C1P6H034 %	CB2100	4	120/240	1	S	6H034	LCTL	LCBS	83.5	1	Y

% R481C1P6H034 Rated at 100A and 10,000 AIC (100A Breaker, 200A Meter Socket)

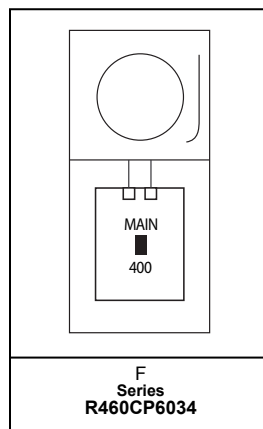
Back-to-Back Pedestal

D	R281C1B6H034	CB4200H	4	120/240	1	S	6H034	LCTL	LCBS	114	1	Y
E	R281E1B6H034	-----	4	120/240	1	S	6H034	LCTL	LCBS	114	1	Y

All lever bypass models include a fifth jaw in the "nine o'clock" position as of January 1, 2004

* Wire Range Table page 33

400A - Ringless, Metered Lever Bypass



Single Sided Pedestal

FIG.	MODEL NUMBER	INSTALLED BREAKER	SPACES	VOLTS	PHASE	WIRE RANGE*	CABINET SIZE	LOAD CENTER	UNIT WT.	STD. PKG.	UL
F	R460CP6034 &	TJD422400X2	0	120/240	1	BZ	14PT	----	*	1	Y

& Model available in green paint - R460CP6034C2

* Wire Range Table page 33

Service Equipment



Technical Data

Service Equipment

MODEL NUMBER*	HUB OPENING	REPLACEMENT PARTS		CABINET SIZE	ENCLOSURE STYLE page 28	CABINET DIMENSIONS			KNOCKOUT FIGURE page 29	AIC
		METER SOCKET	POST LUGS			HEIGHT A	WIDTH B	DEPTH C		
M100C	Y	MSM100930	—	9 X 30	C	30"	9-3/4"	5-3/16"	3	10,000
M100T	Y	MSM100930	—	9 X 30	C	30"	9-3/4"	5-3/16"	3	10,000
M101C	Y	MSM100930	—	9 X 30	C	30"	9-3/4"	5-3/16"	3	10,000
M101CC	Y	MSM100930	—	9 X 30	C	30"	9-3/4"	5-3/16"	3	10,000
M101CB2	Y	MW200M	—	14 X 26	D	26-1/4"	14-1/4"	4-9/16"	6	10,000
M101CB6	Y	MSM100P9	LT100B350	9PT		See page 30				10,000
M101CB6HP	N	MSM100P9	LT200B350	9HP		See page 30				10,000
M101CP6	N	MSM100P9	LT100S250	9PT		See page 30				10,000
M101CP4	N	MSM100P9	LT100B250	*	*	*	*	*	*	10,000
M101CP6C	N	MSM100P9	LT200B350	9PT		See page 30				10,000
M101CP6HP	N	MSM100P9	LT100S350	9HP		See page 30				10,000
M101CP6HP010	N	MSM100P9	LT200S350	9HP		See page 30				10,000
M102CB2	Y	MW200M	—	14 X 26	D	26-1/4"	14-3/4"	4-9/16"	6	10,000
M102CB2010	Y	MW200M	—	14 X 26	D	26-1/4"	14-3/4"	4-9/16"	6	10,000
M102E	Y	MSM100930	—	9 X 30	C	30"	9-3/4"	5-3/16"	3	10,000
M181CB1	Y	MSMS1**	—	14 X 28	D	28-5/8"	14-3/8"	4-3/4"	6	22,000
M208CP6HP	N	MW200M	LT200S350	14HP		See page 30				10,000
M208CR2A	Y	MW200M	—	14 X 28	C	28-5/8"	14-3/8"	6-3/8"	8	10,000
M208CR2B010	Y	MW200M	—	14 X 38	C	38-3/8"	14-3/4"	6-3/8"	8	10,000
M254C	Y	MW200M	—	14 X 38	C	38	14-3/4"	6-3/8"	8	10,000
M254CP6	N	MW200M	LT200S350	14PT		See page 30				10,000
M255GP6	N	MW200M	LT200S350	14PT		See page 30				10,000
M280T	Y	MW200M	—	9 X 32	C	32-1/4"	9-3/4"	5-11/16"	4	10,000
M281C1	Y	MSMS	—	9 X 30	D	30-1/4"	9-5/16"	4-3/4"	12	22,000
M281C1B6H	N	MSMP	LT200B350	6H		See page 31				22,000
M281C1P6H	N	MSMP	LT200S350	6H		See page 31				22,000
M281C1P6H010	N	MSMP	LT200S350	6H		See page 31				22,000
M281C1S6H	N	MSMP	LT200SS	6H		See page 31				22,000
M281C1S6HC	N	MSMP	LT200SS	6H		See page 31				22,000
M281CB1	Y	MSMS1**	—	14 X 28	D	28-5/8"	14-3/8"	4-3/4"	13	22,000
M281E1B6H	N	MSMP	LT200B350	6H		See page 31				22,000
M281E1P6H	N	MSMP	LT200S350	6H		See page 31				22,000
M281EB1	Y	MSMS1**	—	14 X 28	D	30-1/4"	9-5/16"	4-3/4"	13	22,000
M282C1B6H	N	MSMP	LT200B350	6H		See page 31				22,000
M282C1C	Y	MSMS	—	9 X 30	D	30-1/4"	9-5/16"	4-3/4"	12	22,000
M282C1P6H	N	MSMP	LT200S350	6H		See page 31				22,000
M282C1P6H010	N	MSMP	LT200S350	6H		See page 31				22,000
M282C1P6HC	N	MSMP	LT200S350	6H		See page 31				22,000
M282C1S6H	N	MSMP	LT200SS	6H		See page 31				22,000
M282CB1	Y	MSMS	—	14 X 28	D	28-5/8"	14-3/8"	4-3/4"	13	22,000
M282CB1C	Y	MSMS	—	14 X 28	D	28-5/8"	14-3/8"	4-3/4"	13	22,000
M282E1B6H	N	MSMP	LT200B350	6H		See page 31				22,000
M282E1P6H	N	MSMP	LT200S350	6H		See page 31				22,000
M282E1P6H010	N	MSMP	LT200S350	6H		See page 31				22,000
M282EB1	Y	MSMS	—	14 X 28	D	28-5/8"	14-3/8"	4-3/4"	13	22,000
M285T	Y	MW200M	—	9 X 32	C	32-1/4"	9-3/4"	5-11/16"	4	10,000
M354C	Y	MSM100930	—	9 X 30	C	30"	9-3/4"	5-3/16"	1	10,000
M354CB6	N	MSM100P9	LT100B350	9PT		See page 30				10,000
M354CP6	N	MSM100P9	LT100S250	9PT		See page 30				10,000
M654CP6	N	MW200M	LT200S350	14PT		See page 30				10,000
M655GP6	N	MW200M	LT200S350	14PT		See page 30				10,000
MS125E	Y	MW200M	—	16 X 17	E	17-1/4"	16-3/4"	5"	9	10,000
MS150C	Y	MW200M	—	16 X 17	E	17-1/4"	16-3/4"	5"	9	10,000
MS151C	Y	MW200M	—	17 X 26	E	17-1/4"	16-3/4"	5"	9	10,000
MS250C	Y	198B8601G11	—	16 X 17	E	17-1/4"	16-3/4"	5"	9	10,000

* Not all models listed; contact local representative for other models and details.

** Models prior to April 2004 use MSMS

Technical Data

MODEL NUMBER*	HUB OPENING	REPLACEMENT PARTS		CABINET SIZE	ENCLOSURE STYLE page 28	CABINET DIMENSIONS			KNOCKOUT FIGURE page 29	AIC
		METER SOCKET	POST LUGS			HEIGHT	WIDTH	DEPTH		
						A	B	C		
MS251C	Y	MW200M	—	17 X 26	E	26-1/4"	17-1/2"	5-1/2"	10	10,000
MS252C	Y	MW200M	—	17 X 26	E	26-1/4"	17-1/2"	5-1/2"	10	10,000
MS252E014	Y	*	—	14 X 31	E	14-3/4"	31-5/16"	5-7/8"	7B	10,000
MS45500C	N	265A5264P2	—	31 X 33	E	33-1/10"	30-1/2"	6-1/10"	P. 32	22,000
MS45508C	N	265A5264P2	—	31 X 33	E	33-1/10"	30-1/2"	6-1/10"	P. 32	22,000
R100C	Y	MSR100930	—	9 X 30	C	30"	9-3/4"	5-3/16"	3	10,000
R100T	Y	MSR100930	—	9 X 30	C	30"	9-3/4"	5-3/16"	3	10,000
R101C	Y	MSR100930	—	9 X 30	C	30"	9-3/4"	5-3/16"	3	10,000
R101CB2	Y	MW200R	—	14 X 26	D	26-1/4"	14-3/4"	4-9/16"	6	10,000
R101CB2LK	Y	MW200R	—	14 X 26	D	26-1/4"	14-3/4"	4-9/16"	6	10,000
R101CB2010	Y	MW200R	—	14 X 26	D	26-1/4"	14-3/4"	4-9/16"	6	10,000
R101CB6	N	MSR100P9	LT100B250	9PT				See page 30		10,000
R101CB6HP	N	MSR100P9	LT200B350	9HP				See page 30		10,000
R101CP6	N	MSR100P9	LT100S250	9PT				See page 30		10,000
R101CP6HP	N	MSR100P9	LT200S350	9HP				See page 30		10,000
R102CB2	Y	MW200R	—	14 X 26	D	26-1/4"	14-3/4"	4-9/16"	6	10,000
R102CB2LK	Y	MW200R	—	14 X 26	D	26-1/4"	14-3/4"	4-9/16"	6	10,000
R102E	Y	MSR100930	—	9 X 30	C	29-1/2"	9-1/4"	5-3/16"	1	10,000
R102EN	Y	MSR100930	—	9 X 30	C	29-1/2"	9-1/4"	5-3/16"	1	10,000
R181CB1	Y	MSRS	—	14 X 28	D	28-1/2"	14-3/10"	4-4/5"	6	10,000
R200T	Y	MW200R	—	14 X 38	C	38-3/8"	14-3/4"	6-3/8"	8	10,000
R208CP6HP	N	MW200R	LT200S350	14HP				See page 30		10,000
R208CR2A	Y (2)	MW200R	—	14 X 28	C	28-5/8"	14-3/4"	6-3/8"	8	10,000
R208CR2A034	Y	265A5264P8	—	14 X 28	C	28-5/8"	14-3/4"	6-3/8"	8	10,000
R211CP6	N	MSRS	—	*				See page 30		10,000
R225CP6	N	MW200R	LT200S350	14PT						10,000
R2502CP6	N	MSRS	—	*	*	*	*	*	*	10,000
R256EB1A	Y	198B8601G70	—	14 X 26	D	26-1/4"	14-3/4"	4-9/16"	6	10,000
R256EB1018A	Y	198B8601G70	—	14 X 26	D	26-1/4"	14-3/4"	4-9/16"	6	10,000
R256EB1NA	Y	198B8601G70	—	14 X 26	D	26-1/4"	14-3/4"	4-9/16"	6	10,000
R280T	Y	MW200R	—	9 X 32	C	32-1/4"	9-3/4"	5-11/16"	4	10,000
R280TP6HP	N	MW200R	LT200S350	9HP				See page 30		10,000
R281C1	Y	MSRS	—	9 X 30	D	30-1/4"	9-5/16"	4-3/4"	12	22,000
R281C1034	Y	265A5264P8	—	14 X 32	D	32-1/2"	14-1/2"	5-7/16"	15	22,000
R281C1B6H	N	MSRP	LT200B350	6H				See page 31		22,000
R281C1B6H034	N	265A5264P8	LT200B350	6H034				See page 31		22,000
R281C1P6H	N	MSRP	LT200S350	6H				See page 31		22,000
R281C1P6H034	N	265A5264P8	LT200S350	6H034				See page 31		22,000
R281C1S6HC	N	MSRP	LT200SS	6H				See page 31		22,000
R281CB1	Y	MSRS	—	14 X 28	D	28-5/8"	14-3/8"	4-3/4"	13	22,000
R281CB1034	Y	265A5264P8	—	14 X 28	D	28-5/8"	14-3/8"	4-3/4"	13	22,000
R281CB1LK	Y	MSRS	—	14 X 28	D	28-5/8"	14-3/8"	4-3/4"	13	22,000
R281E1B6H	N	MSRP	LT200B350	6H				See page 31		22,000
R281E1B6H034	N	265A5264P8	LT200B350	6H034				See page 31		22,000
R281E1P6H	N	MSRP	LT200S350	6H				See page 31		22,000
R281E1P6H034	N	265A5264P8	LT200S350	6H034				See page 31		22,000
R281EB1	Y	MSRS	—	14 X 28	D	28-5/8"	14-3/8"	4-3/4"	13	22,000
R281EB1034	Y	265A5264P8	—	14 X 28	D	28-5/8"	14-3/8"	4-3/4"	13	22,000
R282C1B6H	N	MSRP	LT200B350	6H				See page 31		22,000
R282C1P6H	N	MSRP	LT200S350	6H				See page 31		22,000
R282CB1	Y	MSRS	—	14 X 28	D	28-5/8"	14-3/8"	4-3/4"	13	22,000
R282CB1LK	Y	MSRS	—	14 X 28	D	28-5/8"	14-3/8"	4-3/4"	13	22,000
R282E1B6H	N	MSRP	LT200B350	6H				See page 31		22,000
R282E1P6H	N	MSRP	LT200S350	6H				See page 31		22,000
R282EB1	Y	MSRS	—	14 X 28	D	28-5/8"	14-3/8"	4-3/4"	13	22,000
R460CP6034	N	265A5264P10	*	14PT				See page 30		22,000

* Not all models listed; contact local representative for other models and details.

Data subject to change without notice.

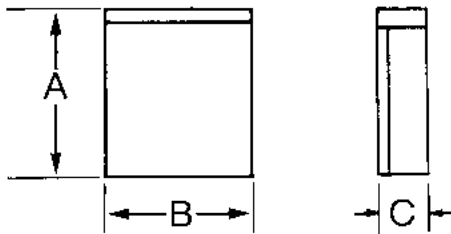
Technical Data

Service Equipment

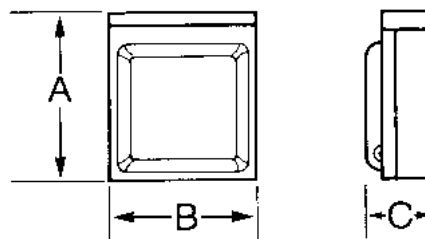
MODEL NUMBER*	HUB OPENING	REPLACEMENT PARTS		CABINET SIZE	ENCLOSURE STYLE page 28	CABINET DIMENSIONS			KNOCKOUT FIGURE page 29	AIC
		METER SOCKET	POST LUGS			HEIGHT	WIDTH	DEPTH		
						A	B	C		
R481C1P6H034	N	265A5264P8	LT200S350	6H034	See page 31					22,000
RS150C	Y	MW200R	—	17 X 26	E	26-1/4"	17-1/2"	5-1/2"	10	10,000
RS250C	Y	MW200R	—	17 X 26	E	26-1/4"	17-1/2"	5-1/2"	10	10,000
RS251C	Y	MW200R	—	17 X 26	E	26-1/4"	17-1/2"	5-1/2"	10	10,000
RS43308C	N	265A5264P10	—	31 X 33	E	33-1/10"	30-1/2"	6-1/10"	P. 32	22,000
RS45500C	N	265A5264P10	—	31 X 33	E	33-1/10"	30-1/2"	6-1/10"	P. 32	22,000
RS45508C	N	265A5264P10	—	31 X 33	E	33-1/10"	30-1/2"	6-1/10"	P. 32	22,000
U101C	Y	—	—	9 X 17	B	17-3/8"	9-3/4"	5-3/16"	3	10,000
U101CP6	N	—	LT100S250	9PT	See page 30					10,000
U102E	Y	—	—	9 X 17	B	17-3/8"	9-3/4"	5-3/16"	3	10,000
U102EP6	N	—	LT100S250	9PT	See page 30					10,000
U180C1	Y	—	—	9 X 21	A	21-3/4"	9-5/16"	4-3/4"	11	22,000
U181C1	Y	—	—	9 X 21	A	21-3/4"	9-5/16"	4-3/4"	11	22,000
U208C	Y	—	—	14 X 21	B	21-3/8"	14-3/4"	6-7/16"	5	10,000
U208CP6HP	N	—	LT200S350	14HP	See page 30					10,000
U254C	Y	—	—	14 X 21	A	21-3/8"	14-3/4"	6-7/16"	*	10,000
U280C1	Y	—	—	9 X 21	A	21-3/4"	9-5/16"	4-3/4"	11	22,000
U281C1	Y	—	—	9 X 21	A	21-3/4"	9-5/16"	4-3/4"	11	22,000
U281C1P6H	Y	—	LT200S350	6H	See page 31					22,000
U281E1	Y	—	—	9 X 21	A	21-3/4"	9-5/16"	4-3/4"	11	22,000
U281E1P6H	Y	—	LT200S350	6H	See page 31					22,000
U354C	Y	—	—	9 X 17	B	17-3/8"	9-3/4"	5-3/16"	1	10,000
UL412RMW	Y	—	—	7 X 10	A	10"	7-1/4"	4"	2	10,000

* Not all models listed; contact local representative for other models and details.

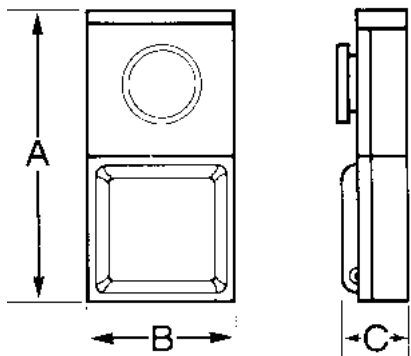
Cabinet Dimensions



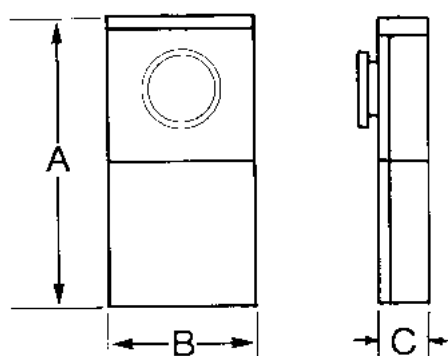
(Fig. A)



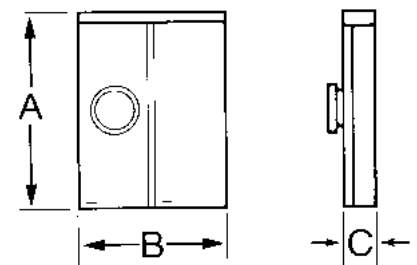
(Fig. B)



(Fig. C)

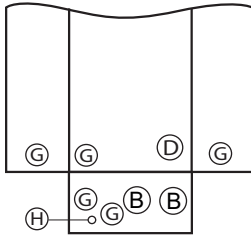


(Fig. D)

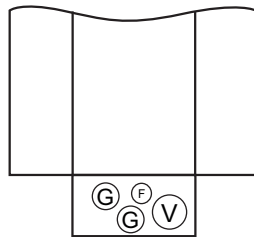


(Fig. E)

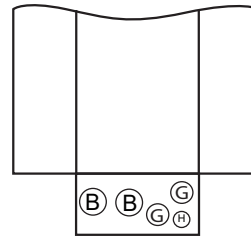
Knockout Configurations



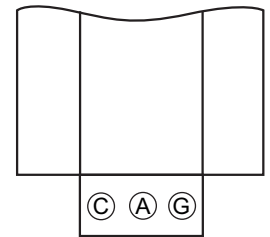
(Fig. 1)



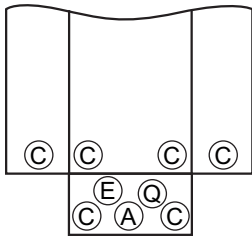
(Fig. 2)



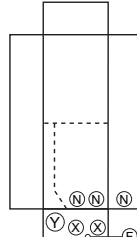
(Fig. 3)



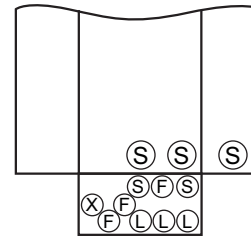
(Fig. 4)



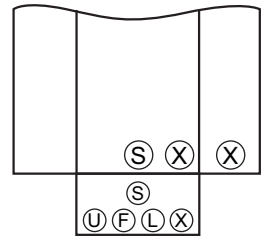
(Fig. 5)



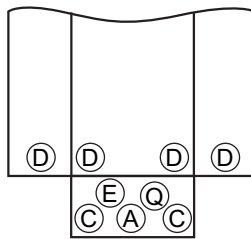
(Fig. 6)



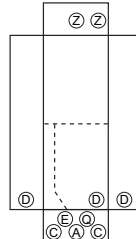
(Fig. 7A)



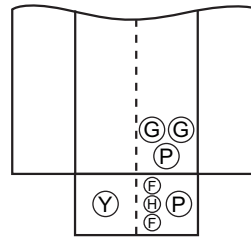
(Fig. 7B)



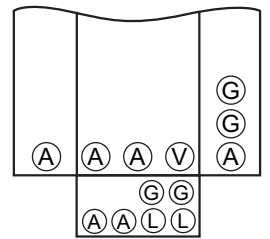
(Fig. 8)



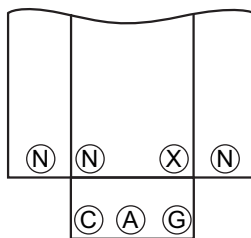
(Fig. 8A-R208CR2A Only)



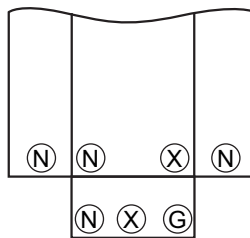
(Fig. 9)



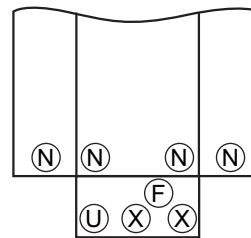
(Fig. 10)



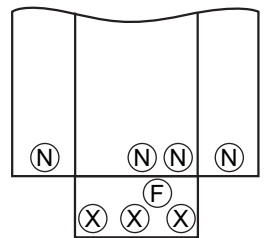
(Fig. 11)



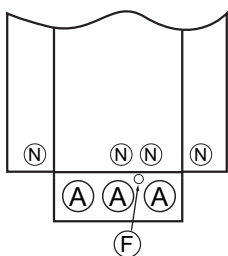
(Fig. 12)



(Fig. 13)



(Fig. 14)



(Fig. 15)

KEY

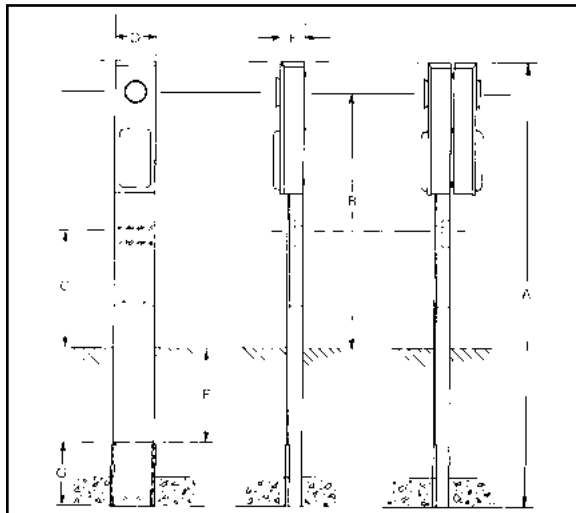
- A= 1-1/2", 2", 2-1/2"
- B= 1", 1-1/4", 1-1/2"
- C= 1-1/4", 1-1/2", 2"
- D= 3/4", 1", 1-1/4"
- E= 3/4"
- F= 1/2"
- G= 1/2", 3/4", 1"
- H= 9/32"
- L= 1/2", 3/4"
- N= 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"

- P= 1-1/4", 1-1/2", 2", 2-1/2"
- Q= 1"
- R= 3/4", 1", 1-1/4", 1-1/2", 2"
- S= 1/2", 3/4", 1", 1-1/4", 1-1/2"
- U= 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"
- V= 3/4", 1", 1-1/4", 1-1/2"
- X= 1/2", 3/4", 1-1/4", 1-1/2", 2", 2-1/2"
- Y= 1-1/4", 1-1/2", 2", 2-1/2", 3"
- Z= 2-1/2", Max Hub Opening

∴ KO's shown for size, not for exact positions.

Post Dimensions

9PT EARTH BURIAL

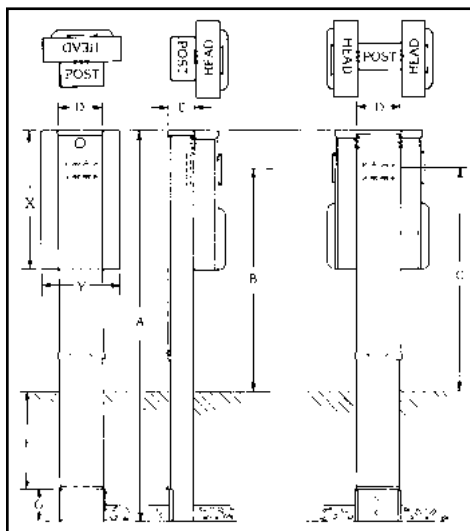


Single Head Post

Double Head Post
(Back to Back)

	UNMETERED	METERED
A	65"	77-1/2"
B	---	45-1/4"
C	19-1/8"	19-1/8"
D	9"	9"
E	4-3/8"	4-3/8"
F	18"	18"
G	6"	6"

14PT EARTH BURIAL



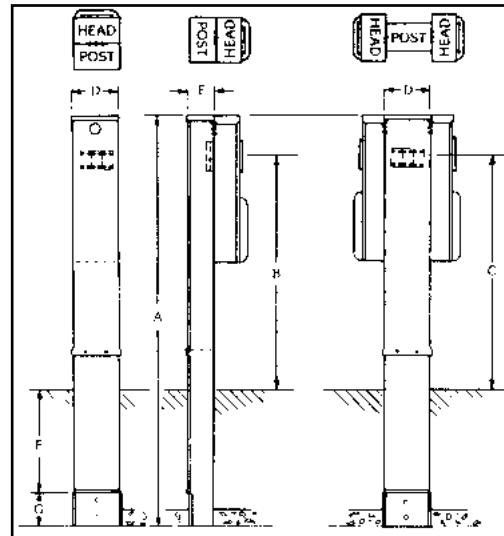
Single Head Post

Double Head Post
(Back to Back)

POWERHEAD
14" x 38"
14" x 21"

	UNMETERED	METERED
A	83-1/2"	86"
B	---	50"
C	49-1/2"	49-1/2"
D	9"	9"
E	4-3/8"	4-3/8"
F	18"	18"
G	6"	6"

9HP EARTH BURIAL



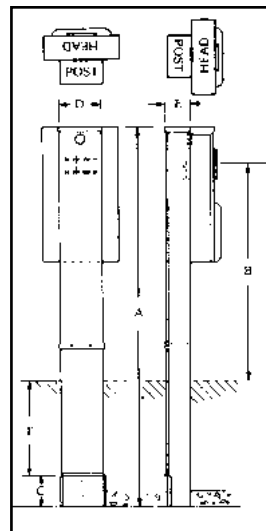
Single Head Post

Double Head Post
(Back to Back)

POWERHEAD
9" x 30"

METERED		
	100A	200A
A	83-1/2"	83-1/2"
B	51-1/4"	48-3/4"
C	47"	47"
D	9"	9"
E	4-3/8"	4-3/8"
F	18"	18"
G	6"	6"

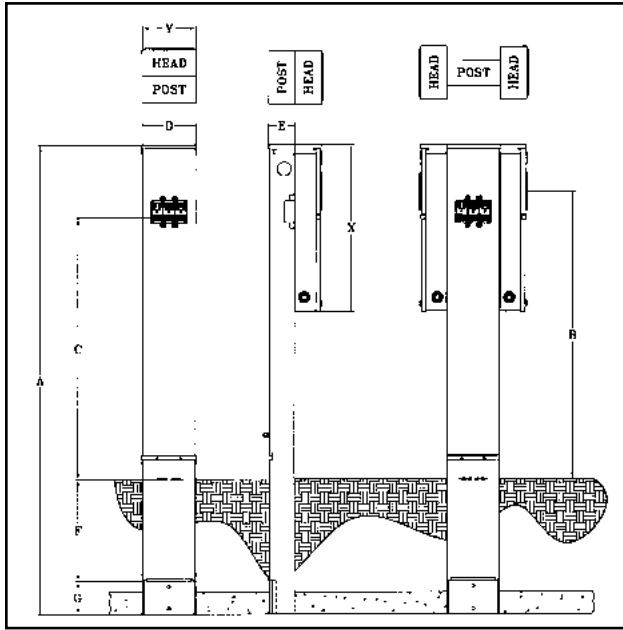
14HP EARTH BURIAL



POWERHEAD
14" x 34-1/2"

METERED	
A	83-1/2"
B	48-3/4"
C	6"
D	9-1/2"
E	4-3/8"
F	18"

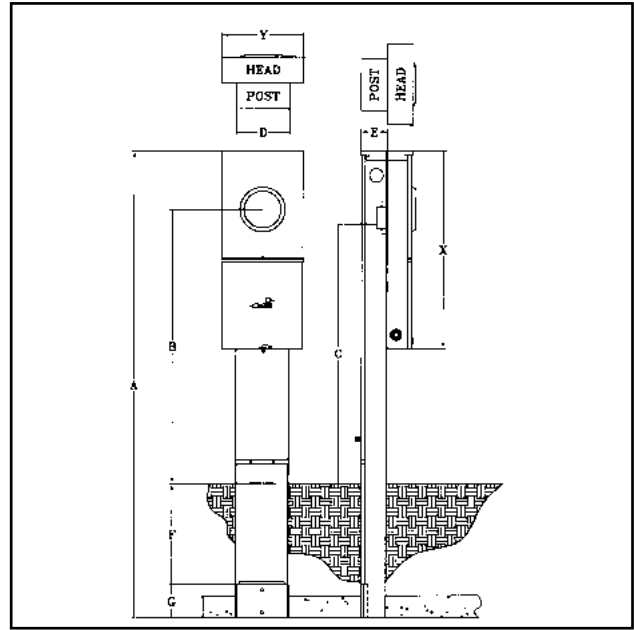
Post Dimensions 6H EARTH BURIAL



	UNMETERED	METERED
A	83-1/2"	84"
B	---	51-1/2"
C	46-1/2"	46-1/2"
D	9-1/2"	9-1/2"
E	3-1/2"*	4-1/2"
F	18"	18"
G	6"	6"
X	21-1/2"	30"
Y	9-1/2"	9-1/2"

* Some models available in 4-3/8".
Contact Distributor/Manufacturer.

6H034 EARTH BURIAL



	METERED
A	83-1/2"
B	49"
C	46-1/2"
D	9-1/2"
E	4-1/2"
F	18"
G	6"
X	35"
Y	14"

Service Equipment

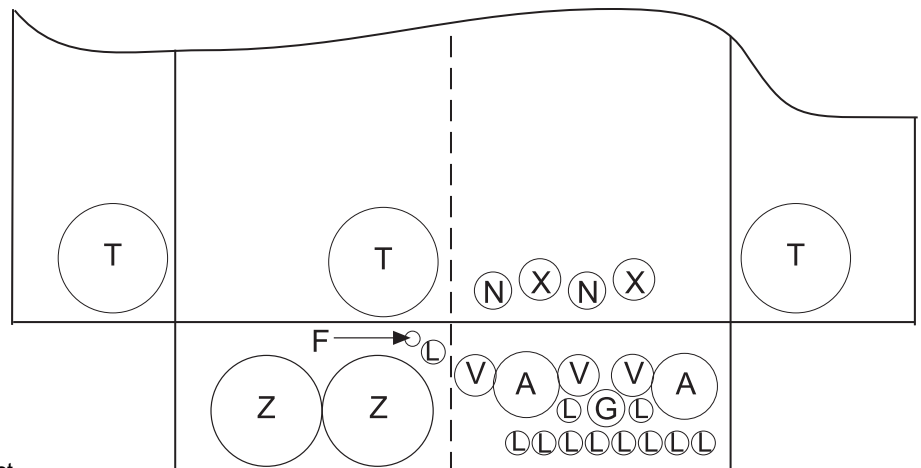
400 Amp Wire Range and Knockout Detail

TABLE 400A

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line*	----	----	----	----
Load 1	1-300	----	1-300	----
Neutral N1	----	1-300	----	1-300
Equip. Grnd.	6-2/0	6-2/0	6-2/0	6-2/0

- A = 1-1/2", 2", 2-1/2"
- F = 1/2"
- G = 1/2", 3/4", 1"
- L = 1/2", 3/4"
- T = 3-1/2", 4"
- V = 3/4", 1", 1-1/4", 1-1/2"
- X = 1/2", 3/4", 1-1/4", 1-1/2", 2", 2-1/2"
- Z = 2-1/2", 3", 3-1/2", 4"

* Crimp-on/connector lug is not supplied by Midwest.



Wire Range Tables

TABLE AB

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	----	----	----	----
Load	14-8	14-1/0	12-8	12-1/0
Neutral <small>LARGE HOLE</small>	12-8	12-1/0	10-8	10-1/0
Neutral <small>SMALL HOLE</small>	14-8	14-4	12-8	12-4
Equip. Grnd.	12-8	12-2	12-8	12-2

TABLE AS

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	----	6-1/0	----	6-1/0
Load	----	----	----	----
Neutral Lrg Hole	12-8	12-1/0	10-8	10-1/0
Neutral Sm Hole	14-8	14-4	12-8	12-4
Equip. Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	2-350 KCMIL		2-350 KCMIL	
Equip. Grnd.	12-2	12-2	12-2	12-2

TABLE AD

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	----	6-1/0	----	6-1/0
Load	----	----	----	----
Neutral <small>LARGE HOLE</small>	12-8	12-1/0	10-8	10-1/0
Neutral <small>SMALL HOLE</small>	14-8	14-4	12-8	12-4
Equip. Grnd.	12-8	12-2	12-8	12-2

TABLE AT

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	----	6-1/0	----	6-1/0
Load	----	----	----	----
Neutral	12-8	12-1/0	10-8	10-1/0
Neutral	14-8	14-4	12-8	12-4
Equip. Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	6-350 KCMIL		6-350 KCMIL	
Equip. Grnd.	12-2	12-2	12-2	12-2

TABLE AE

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	----	6-1/0	----	6-1/0
Load	----	----	----	----
Neutral <small>LARGE HOLE</small>	12-8	12-1/0	10-8	10-1/0
Neutral <small>SMALL HOLE</small>	14-8	14-4	12-8	12-4
Equip. Grnd.	12-8	12-2	12-8	12-4=2
POST LINE CONNECTORS SUITABLE FOR LOOPFEED	2-350 KCMIL		2-350 KCMIL	
Equip. Grnd.	12-2	12-2	12-2	12-2

TABLE AW

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	----	1/0-4/0	----	1/0-4/0
Load	----	1/0-4/0	----	1/0-4/0
Neutral	----	2-4/0	----	2-4/0
Equip. Grnd.	12-8	12-2	12-8	12-2

TABLE AF

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	----	1/0-250 KCMIL	----	1/0-250 KCMIL
Load	----	1-300 KCMIL	----	1-300 KCMIL
Neutral	----	1/0-250 KCMIL	----	1/0-250 KCMIL
Equip. Grnd.	12-8	12-2	12-8	12-2

TABLE AX

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	----	1/0-4/0	----	1/0-4/0
Load	----	1/0-4/0	----	1/0-4/0
Neutral A	----	2-4/0	----	2-4/0
Neutral B	12-8	12-1/0	10-8	10-1/0
Neutral C	14-8	14-4	12-8	12-4
Equip. Grnd.	12-8	12-2	12-8	12-2

TABLE AN

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line Main Lugs	----	----	----	----
Load CB Base	----	1-300 KCMIL	----	1-300 KCMIL
Neutral <small>LG SINGLE LUGS</small>	----	1-300 KCMIL	----	1-300 KCMIL
Neutral <small>SM SINGLE HOLES</small>	14-8	14-1/0	12-8	12-1/0
Neutral <small>6 LARGE HOLES</small>	14-8	10-4	----	6-4
Neutral <small>SMALL HOLES</small>	14-8	12-8	12-8	12-8
Equip. Grnd.	12-8	12-2	12-8	12-2

TABLE BC

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	----	1/0-250	----	1/0-250
Load	----	1/0-250	----	1/0-250
Neutral	----	2-250	----	2-250
Neutral	12-8	12-1/0	10-8	10-1/0
Neutral	14-8	14-4	12-8	12-4
Equip. Grnd.	----	2-250	----	2-250
Equip. Grnd.	14-8	14-1/0	12-8	12-1/0

TABLE BD

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	----	1/0-4/0	----	1/0-4/0
Load	----	2-4/0	----	1/0-4/0
Neutral	----	2-4/0	----	1/0-4/0
Equip. Grnd.	12-8	12-2	12-8	12-2

TABLE BM

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	----	6-300	----	6-350
Load	----	1-300	----	1-300
Neutral A	----	1-300	----	1-300
Neutral B	----	6-2/0	----	6-2/0
Neutral C	14-8	14-1/0	12-1/0	12-1/0

TABLE BF

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	----	1-4/0	----	2/0-4/0
Load	----	1-4/0	----	2/0-4/0
Neutral	----	1-4/0	----	1-4/0
Equip. Grnd.	----	6-2/0	----	6-2/0

TABLE BN

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	1/2" stud terminals			
Load	----	1-300	----	1-300
Neutral A	----	1-300	----	1-300
Neutral B	----	6-350	----	6-350
Neutral C	1/2" stud terminals			

TABLE BG

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	----	1-4/0	----	2/0-4/0
Load	----	1-4/0	----	2/0-4/0
Neutral A	----	1-4/0	----	1-4/0
Neutral/Grnd. B	----	6-2/0	----	6-2/0
Neutral/Grnd. C	14-8	14-4	12-8	12-4

TABLE BZ

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Load	----	4/0-350	----	300-500
Neutral "A"	----	2-600	----	2-600
Neutral "B"	----	6-350	----	6-350

TABLE BH

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line <small>METER SOCKET</small>	----	6-4/0	----	6-4/0
Load <small>BASE LUGS</small>	----	1-4/0	----	1-4/0
Neutral A	----	1-4/0	----	1-4/0
Neutral/Grnd. B	----	6-2/0	----	6-2/0
Neutral/Grnd. C	14-8	14-4	12-8	12-4

TABLE S

Post Line Connectors Suitable for Loop Feed
#6-350 KCMIL CU/AL
Equip. Grnd. #12-2 CU/AL

TABLE T2

Post Line Connectors Suitable for Loop Feed
#2-250 KCMIL CU/AL
Equip. Grnd. #12-2 CU/AL

TABLE BJ

Connector	Copper	
	Solid	Strand
Line <small>METER SOCKET</small>	----	6-4/0
Load <small>BASE LUGS</small>	----	1-4/0
Neutral A	----	1-4/0
Neutral/Grnd. B	----	6-2/0
Neutral/Grnd. C	14-8	14-4

TABLE V

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	----	----	----	----
Neutral <small>LARGE HOLE</small>	12-8	12-1/0	10-8	10-1/0
Neutral <small>SMALL HOLE</small>	14-8	14-4	12-8	12-4
Equip. Grnd.	12-8	12-2	12-8	12-2

TABLE BK

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line <small>METER SOCKET</small>	----	6-350 mcm	----	6-350 mcm
Load <small>BASE LUGS</small>	----	1-4/0	----	1-4/0
Neutral A	----	1-4/0	----	1-4/0
Neutral/Grnd. B	----	6-2/0	----	6-2/0
Neutral/Grnd. C	14-8	14-4	12-8	12-4

TABLE Z

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	14-8	14-1/0	12-8	12-1/0
Neutral <small>LARGE HOLE</small>	12-8	12-1/0	10-8	10-1/0
Neutral <small>SMALL HOLE</small>	14-8	14-4	12-8	12-4
Equip. Grnd.	12-8	12-2	12-8	12-2

Aluminum Mobile Home

Service Equipment

Specifications:

- Units manufactured with 14-gauge aluminum head, standard grey electro-deposition paint finish or optional green polyester powder coat finish.
- UL Listed NEMA 3R construction
- Suitable for use as service entrance equipment
- 22,000 AMPS RMS symmetrical short circuit rating
- Units provided with 200 AMP continuous, 120/240 V, single phase, 4-jaw meter socket (# 198B8601G78) ring type
- 300 AMP & 400 AMP Series-wired main bus units provided with standard loop feed 600 MCM single phase line terminals
- Available with up to 4 meter positions on models with or without main breaker
- Lockable, sealable covers provided with stainless steel latches
- Direct burial galvanized steel post- mounted units include standard “I” constructed post. Posts supplied with adjustable foot extension, increasing stability and eliminating post settling
- No Hub Provision

Installer Features:

- Multi-gang units reduce the number of installation points
- Modular headpost construction allows the post to be installed separately from the powerhead. Unique “cap-off” feature allows the post to be used as a splice through
 - All trenching and feeder cables may be pulled during initial installation
 - Powerheads may be installed at a later date
- Light weight aluminum powerhead is easily installed by a single electrician
- Rolled edges on all post wire entry ports
- Access doors on both sides

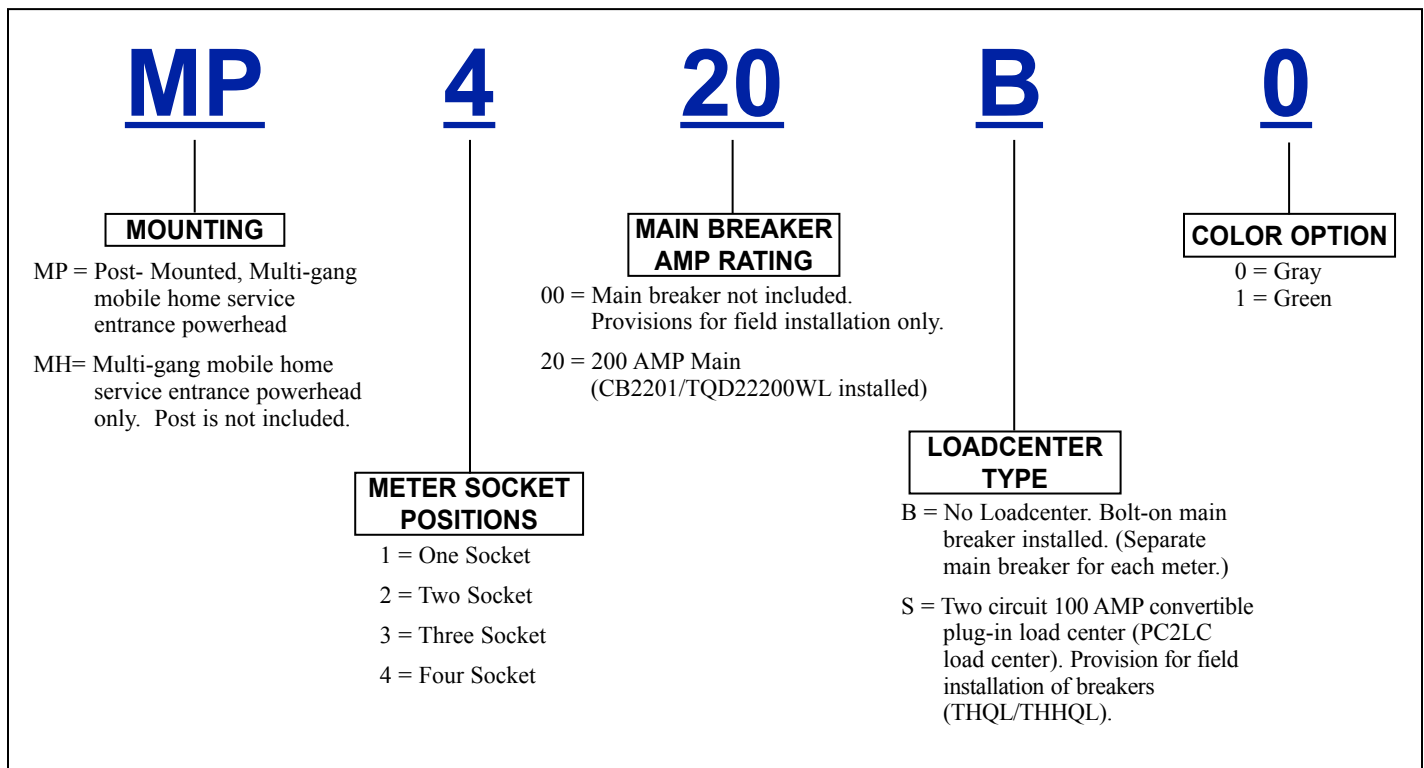


MH1 SERIES
(Head Only shown)



MH2 SERIES
(Head Only shown)

Model Numbering System



Technical Information

Basic Models:

Post models listed. Also Available as Head Only. Substitute MH for MP.

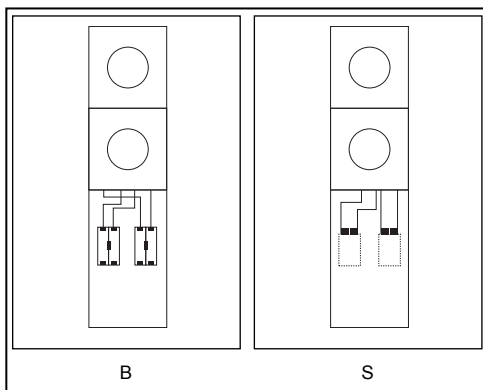
MODEL NUMBER*	SOCKET POSITION	POWERHEADS	SOCKET RATING	MAIN BREAKER	LOADCENTER TYPE	PANEL WIRING	MH WEIGHT#	MP WEIGHT#
MP100B0**	1	1	200 AMP	empty	lug lug breaker	Series	22	48
MP100S0**	1	1	200 AMP	----	125 AMP 2 CKT Convertible	Series	22	48
MP120B0	1	1	200 AMP	200 AMP	----	Series	22	48
MP200B0	2	1	200 AMP	empty	lug lug breaker	Series	26	50
MP200S0**	2	1	200 AMP	----	125 AMP 2 CKT Convertible	Series	26	50
MP220B0**	2	1	200 AMP	200 AMP	----	Series	26	50
MP300B0	3	2	200 AMP	empty	lug lug breaker	Series	39	65
MP300S0**	3	2	200 AMP	----	125 AMP 2 CKT Convertible	Series	39	65
MP320B0	3	2	200 AMP	200 AMP	----	Series	39	65
MP400B0	4	2	200 AMP	empty	lug lug breaker	Series	52	78
MP400S0**	4	2	200 AMP	----	125 AMP 2 CKT Convertible	Series	52	78
MP420B0	4	2	200 AMP	200 AMP	----	Series	52	78

* Models also available in optional green polyester powder coat finish for a premium. Substitute ending "0" with "1" (i.e., MP420B1)

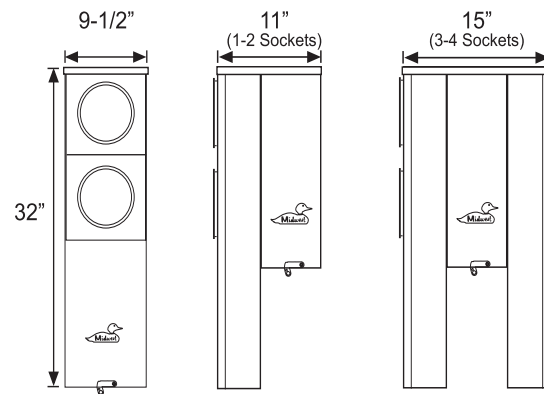
** Florida Metering Group (FMG) approved. Add "FMG" after model. (i.e., "MP200S0FMG")

Approximate weight in pounds; post weighs 26 lbs and is not shipped pre-assembled to head unit.

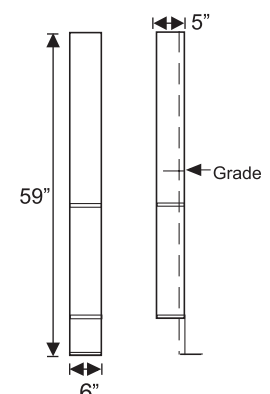
Wiring Diagrams



Dimensions



Post



Aluminum Mobile Home Post Only

May be ordered to replace an existing post or can be ordered separately from MH series to allow pre-installation of the post separately from the powerhead. Adjustable foot increases stability and eliminates post settling.

P2POSTGRAY – Gray Post for MP Series models ending in "0"

P2POST – Green Post for MP Series models ending in "1"



MH3 and MH4 (Cover Removed)

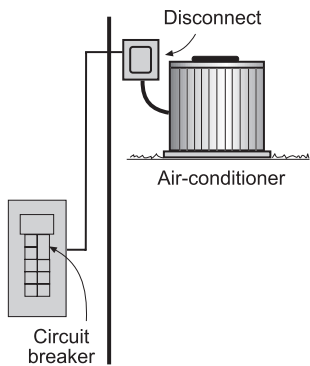


Application Information

Article 440 of the National Electrical Code applies to electric motor-driven air conditioning and refrigerating equipment, and to the branch circuits and controllers for such equipment. It provides for the special considerations necessary for circuits supplying hermetic refrigerant motor-compressors and for any air conditioning and/or refrigerating equipment that is supplied from an individual branch circuit.

The 2008 National Electric Code requires:

440.14 Location. Disconnecting means shall be located within sight from and readily accessible from the air-conditioning or refrigerating equipment. The disconnecting means shall be permitted to be installed on or within the air-conditioning or refrigerating equipment.



Air Conditioner Disconnect Selection Guide

Existing Branch Circuit Protection	Sight Disconnect Selection
Fuse*	Non-Fuse or Fuse
Circuit Breaker	Fuse
HACR**	Non-Fuse or Fuse
*See Air Conditioner nameplate for correct selection. **HACR = Heating, Air Conditioning, Refrigeration Type Circuit Breaker	

Features and Benefits

Flexibility

- 30-60 amperes
- 240 volts A.C.
- 1 Phase and 3 Phase fusible and non-fusible
- Listed by Underwriters Laboratories & cUL
- Horsepower rated
- 10,000 A.I.C.
- New models available with internal GFCI receptacle to address 2002 NEC code change.
- No DC Rating
- NEMA 3R enclosure

Rugged Durability

- Noryl® thermoplastic enclosure is corrosion resistant and extremely durable, giving long maintenance free service

The disconnecting means shall not be located on panels that are designed to allow access to the air-conditioning or refrigeration equipment or to obscure the equipment nameplates.

Additionally, the 2008 National Electric Code states:

110.3(b). Installation and Use. Listed or labeled equipment shall be used or installed in accordance with any instructions included in the listing or labeling.

Thus, when an equipment's label or instruction specifies circuit breaker protection, Article 110.3(b) can be met with a branch circuit breaker in the load center while article 440.14 can most economically be met using a disconnect without overcurrent protection. When an equipment's label or instructions specifies fuse protection, Article 110.3(b) mandates that fuse(s) must be present in the branch circuit. Since most load centers are of the circuit breaker variety, fuses must be installed elsewhere in the branch circuit. The most economical installation involves combining the fuse protection and disconnecting functions into a single device to be installed per Article 440.14. See illustrations.



User Safety

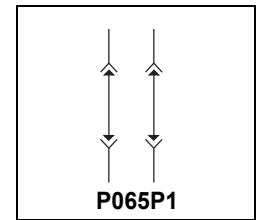
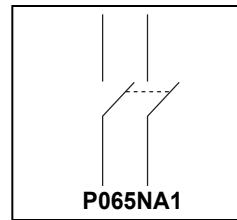
- Door has padlock provisions to prevent unauthorized access

Installation Ease

- Three-piece construction that opens up mounting and wiring areas, reduces installation time
- Terminals approved for 60°C and 75°C wire, accepts solid 14-8 copper, 12-8 aluminum or stranded 14-3 copper, 12-3 aluminum
- Numerous knockouts reduce installation time
- Straight-in, straight-out wiring saves time and money

Non Metallic – Non-Fusible Disconnects

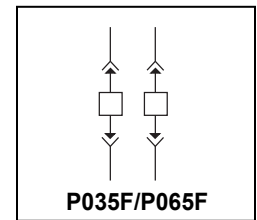
Non-fusible disconnect pullers are removable or reinstallable in the OFF position for user safety during equipment maintenance.



UL	MODEL NUMBER	CIRCUIT PROTECTION	AMP	VOLTS	HORSE POWER RATING	WIRE RANGE*	CABINET SIZE	UNIT WT.	STD. PKG.
Y	P065P1	NF65	60	240	10	D	5 X 7	2	6
Y	P065NA1	SWITCH ONLY	60	240	10	D	5 X 7	2	6
Y	P065P	NF65	60	240	10	D	6 X 8	2	6

Non Metallic – Fusible Disconnects

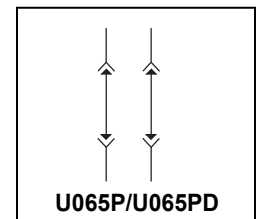
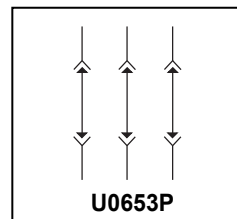
Fusible disconnects are available in 30 and 60 Ampere models. Pullers are removable or reinstallable in the OFF position for user safety during equipment maintenance. The P065F UL listing includes the ability to field replace the 60 Ampere puller with a 30 Ampere puller (FR352) for installation flexibility. Listed for use as service entrance.



UL	MODEL NUMBER	CIRCUIT PROTECTION	AMP	VOLTS	HORSE POWER RATING	WIRE RANGE*	CABINET SIZE	UNIT WT.	STD. PKG.
Y	P035F	FR39	30	240	3	D	6 X 8	2	6
Y	P065F	FR69	60	240	10	D	6 X 8	2	6

Metallic – Non-Fusible Disconnects - Single & Three Phase

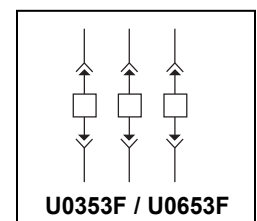
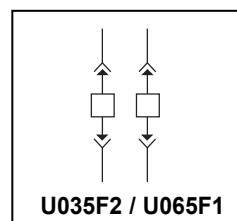
Non-fusible disconnect pullers are removable or reinstallable in the OFF position for user safety during equipment maintenance.



UL	MODEL NUMBER	PHASE	CIRCUIT PROTECTION	AMP	VOLTS	HORSE POWER RATING	WIRE RANGE*	CABINET SIZE	UNIT WT.	STD. PKG.
Y	U065P	1	NF65	60	240	10	D	5 X 7	3	6
Y	U0653P	3	NF653	60	240	7.5-15	D	6 X 14	8.5	4
Y	U065PD	1	NF65	60	240	10	D	7 X 10	7	1

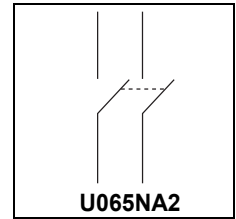
Metallic – Fusible Disconnects - Single & Three Phase

Fusible disconnects are available in 30 and 60 Ampere models. Pullers are removable or reinstallable in the OFF position for user safety during equipment maintenance. Listed for use as service entrance.



UL	MODEL NUMBER	PHASE	CIRCUIT PROTECTION	AMP	VOLTS	HORSE POWER RATING	WIRE RANGE*	CABINET SIZE	UNIT WT.	STD. PKG.
Y	U035F2	1	FR35R	30	240	3	D	5 X 7	2.5	6
Y	U065F1	1	FR65	60	240	10	D	5 X 9	3.5	6
Y	U0353F	3	265A6035G27	30	240	3-7.5	D	6 X 14	8.5	4
Y	U0653F	3	----	60	240	7.5-15	D	6 X 14	8.5	4

= Accepts Class H Fuses (Fuses Not Included)



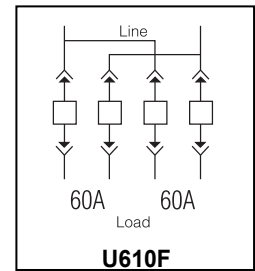
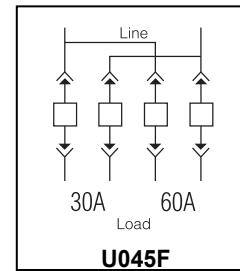
Non-Automatic Disconnect Switch

UL	MODEL NUMBER	PHASE	CIRCUIT PROTECTION	AMP	VOLTS	HORSE POWER RATING	WIRE RANGE	CABINET SIZE	UNIT WT.	STD. PKG.
Y	U065NA1	1	SWITCH ONLY	60	240	10	D	5 x 7	2.5	6
Y	U065NA2	1	SWITCH ONLY	60	240	10	D	7 x 10	6.5	6

AC Disconnects

Heat Pump – Fusible Disconnects

Multiple disconnect devices are offered for heat pump applications that require individual disconnects for the heating and cooling cycles. All pullers are removable or reinstallable in the OFF position for user safety during equipment maintenance. Their UL listing includes the ability to field replace the 60 Ampere puller in the left fuse block with a 30 Ampere puller (FR352) for installation flexibility but prohibits the interchangeability of pullers between fuse blocks to insure the proper fuse/puller combination is always reinstalled into the proper fuse block.



UL	MODEL NUMBER	CIRCUIT PROTECTION	AMP	VOLTS	HORSE POWER RATING	WIRE RANGE*	CABINET SIZE	NEUTRAL BAR	UNIT WT.	STD. PKG.
Y	U045F	FR35XFR67	90	120/240	10	Y	9 x 17	NU100B2	13.5	1
Y	U610F	FR67X2	100	120/240	10	Y	9 x 17	NU100B2	13.5	1

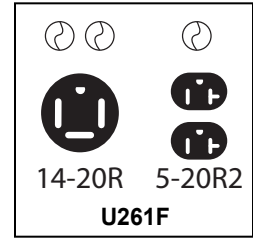
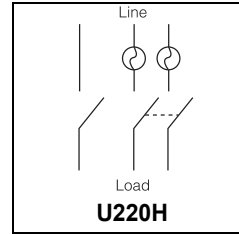
AC with Ground Fault Disconnects

UL	MODEL NUMBER	PHASE	CIRCUIT PROTECTION	RECEPTACLE TYPE	A/C D SCONNECT			WIRE RANGE*	CABINET SIZE	UNIT WT.	STD. PKG.
					AMP	VOLTS	HORSE PWR RATING				
Y	U065P010	1	Non-Fused	5-15R2GF	60	240	10	D	5 x 7	4.3	6
Y	U065NA1010	1	Switch Only	5-15R2GF	60	240	10	D	5 x 7	4	6
Y	U065F010	1	Fused	5-15R2GF	60	240	10	D	6 x 9	6.5	4
Y	U065PC2	1	Non-Fused	5-20R2	60	240	10	D	5 x 7	4.3	4
Y	U0653P010	3	Non-Fused	5-20R2GF	60	240	10	D	6 x 14	8.5	4
Y	U0653F010	3	Fused	5-20R2GF	60	240	7.5-15	D	6 x 14	8.5	4
Y	U0353F010	3	Fused	5-20R2GF	30	240	7.5-15	D	6 x 14	9.5	4
Y	U035F010	1	Fused	5-15R2GF	30	240	3	D	5 x 7	8.5	4

* Wire Range Table on page 42

Evaporative Cooler – Fusible Disconnects

Evaporative cooler applications not only require fusing but switching or receptacle functions depending on equipment type and local codes. Two models are offered to meet these varied evaporative cooler applications.



AC Disconnects

UL	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	HORSE POWER RATING	WIRE RANGE*	CABINET SIZE	NEUTRAL BAR	UNIT WT	STD PKG
Y	U220H	DPST SPST SWITCH	(2) FH1	20	120/240	---	AR	5 x 7	---	4.5	4
Y	U261F	14-20R 5-20R2	(3) FH1	40	120/240	---	E	6 x 9	---	6	4

* Wire Range Table on page 42

= Edison Plug Fuse Base (Fuses Not Included)

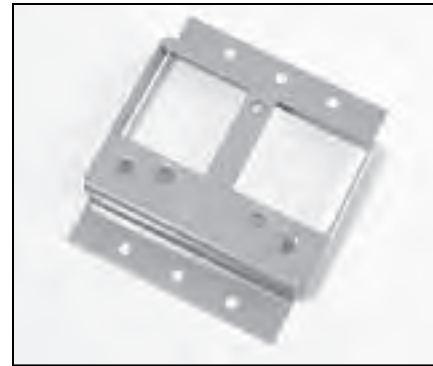
= Accepts Class H Fuses (Fuses Not Included)

Exterior Mounting Bracket

Exterior Mounting Bracket for AC & AC/GFI Disconnects in aluminum, vinyl siding, and stucco applications.

MODEL NUMBER
STC1

DESCRIPTION
Exterior Mounting Bracket for AC & AC/GFI Disconnects in aluminum, vinyl siding, and stucco applications. Sold in multiples of six only.



STC1

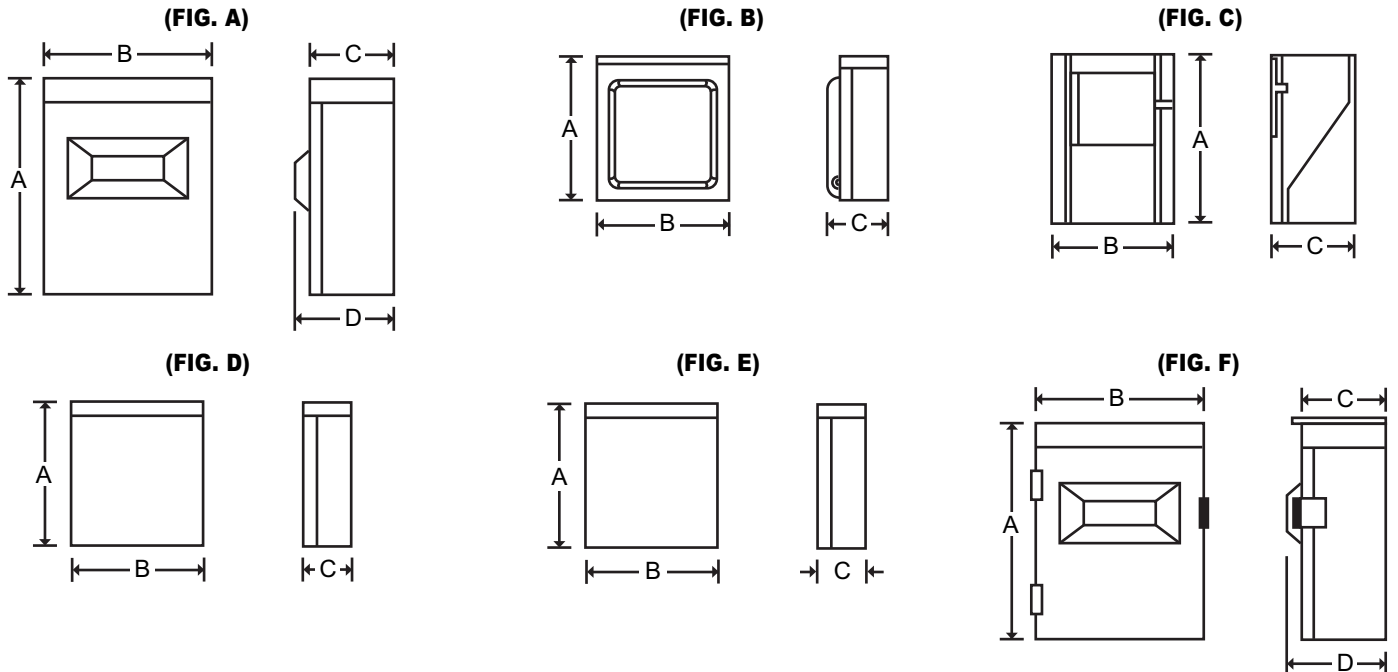
A/C Disconnect Technical Data

MODEL NUMBER	REPLACEMENT PARTS			CABINET SIZE	ENCLOSURE STYLE	CABINET DIMENSIONS				KO DETAIL page 42
	COMPLETE BLOCK & PULLER	FUSE BLOCK ONLY	PULLER ONLY			HEIGHT	WIDTH	DEPTH	DEPTH	
						A	B	C	D	
P035F	FR39		FR352	6 X 8	FG C	8"	5 3/4"	3 1/8"		FG 1
P065F	FR69		F 682	6 X 8	FG C	8"	5 3/4"	3 1/8"		FG 1
P065NA1				5 X 7	FG F	7 1/4"	5"	2 1/8"	2 3/4"	FG 2
P065P		NF65	NF652	6 X 8	FG F	8"	6"	5 3/4"	2 3/4"	FG 2
P065P1		NF65	NF652	5 X 7	FG F	7"	5"	2 1/8"	2 3/4"	FG 2
U035F010	FR39		FR352	5 X 7	FG B	9 1/8"	7 1/4"	5 3/16"		FG 3
U035F2	FR35R		FR352R	5 X 7	FG A	7"	5"	2 1/8"	2 3/4"	FG 2
U0353F/010	265A6035G27		265A6035G27	6 X 14	FG B	14 3/8"	7 1/4"	5 3/16"		FG 3
U045F	FR35XFR67		FR352 F 682	9 X 17	FG B	17 3/8"	9 3/4"	5 3/16"		FG 4
U0653F/010	265A6036G69		265A6036G69	6 X 14	FG B	14 3/8"	7 1/4"	5 3/16"		FG 3
U0653P	265A6036G73		265A6036G73	6 X 14	FG B	14 3/8"	7 1/4"	5 3/16"		FG 3
U065F010	FR65		F 682	6 X 9	*	9 1/8"	7 1/4"	5 3/16"	*	*
U065F1	FR65		F 682	5 X 9	FG A	9"	5"	2 1/8"	2 3/4"	FG 2
U065NA1				5 X 7	FG F	7"	5"	2 1/8"	2 3/4"	FG 2
U065NA1010				5 X 7	FG F	7"	5"	3 5/8"	5 3/16"	*
U065NA2				7 X 10	FG E	10"	7 1/2"	4"		FG 5
U065P		NF65	NF652	5 X 7	FG A	7 1/4"	5"	2 1/8"	2 3/4"	FG 2
U065P010		NF65	NF652	5 X 7	FG F	7"	5"	3 5/8"	5 3/16"	FG 2
U065PC2		NF65	NF652	5 X 7	FG F	7"	5"	2 1/8"	2 3/4"	FG 2
U065PD		NF65	NF652	7 X 10	FG E	10"	7 1/2"	4"		FG 5
U0653P010				6 X 14	FG B	14 3/8"	7 1/4"	5 3/16"		FG 3
U220H		F 1		5 X 7	FG B	7 1/8"	5 3/4"	5 3/16"		FG 5
U261F		F 1		6 X 9	FG B	9 1/8"	7 1/4"	5 3/16"		FG 3
U610F	FR67X2		F 682	9 X 17	FG B	17 3/8"	9 3/4"	5 3/16"		FG 4

AC Disconnects

* Consult Manufacturer.

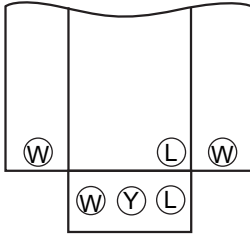
A/C Cabinet Dimensions



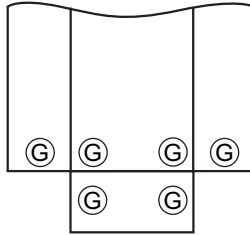
Knockout Configurations

AC Disconnects

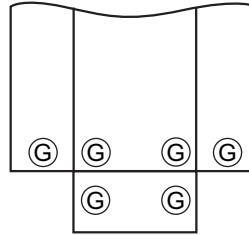
(FIG. 1)



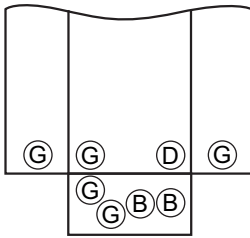
(FIG. 2)



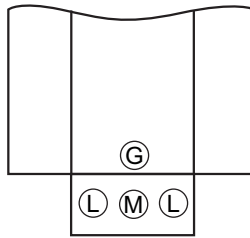
(FIG. 3)



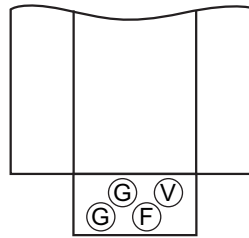
(FIG. 4)



(FIG. 5)



(FIG. 6)



B= 1", 1-1/4", 1-1/2"

D= 3/4", 1", 1-1/4"

F= 1/2"

G= 1/2", 3/4", 1"

L= 1/2", 3/4"

M= 1/2", 3/4", 1", 1-1/4"

N= 1/2", 3/4", 1", 1-1/4", 1-1/2"

V= 3/4", 1", 1-1/4", 1-1/2"

W= 3/4", 1"

Y= 1", 1-1/4"

A/C Wire Range Tables

TABLE D

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
L ne	14-8	14-2	12-8	12-2
Load	14-8	14-2	12-8	12-2
Neutra	----	----	----	----
Equ p. Grnd.	12-8	12-2	12-8	12-2

TABLE Y

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
L ne	14-8	14-1/0	12-8	12-1/0
Load	14-8	14-2	12-10	12-2
Neutra	14-8	14-1/0	12-8	12-1/0

TABLE E

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
L ne	14-10	14-10	----	----
Load	14-10	14-10	----	----
Neutra	14-10	14-10	----	----
Equ p. Grnd.	12-8	12-2		

TABLE AR

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
L ne	14-10	14-10	----	----
Load	14-10	14-10	----	----
Neutra	----	----	----	----
Equ p. Grnd.	12-8	12-2	----	----





Application Information

Prior to permanent installation of the service equipment, a means of temporarily supplying power is required by the various construction trades. Many times, this requires several receptacles, overcurrent protection and possibly a meter socket and GFCI, all designed for outdoor installation. Historically, a temporary power set-up included an individual meter socket, a 4-8 circuit load center, several outlet boxes with receptacles and flip covers, all field nipped together on a 4 x 4 wood post. Of course, these “systems” did not provide maximum protection against weather and vandalism, plus, when subjected to normal field use, deteriorated rapidly.

Site-Power™ construction site equipment from Midwest Electric, combines the required components in a single enclosure. Completely factory-assembled and factory-tested, Site-Power comes to the construction job site ready for work -- No need to field assemble individual parts, saving installation time. Site-Power protects itself against weather, vandalism, and nuisance tripping. The heavy-gauge NEMA 3R rainproof enclosure is lockable and is engineered for maximum protection of receptacles, cords, plugs, breakers, and GFCI's. Site-Power fully meets the 2008 National Electrical Code and OSHA requirements.

Features and Benefits

Rugged Durability

- All-in-one construction for factory assured terminations
- Rolled edge door for cord protection
- Continuous duty meter socket with meter guides and reinforced jaws – ringless and ring type. Utility accepted meter sealing accommodations
- Heavy G-90 zinc coated steel, with highest quality electro-deposition finish, resists corrosion and fading
- Welded flange NEMA 3R construction for lasting service in outdoor installations
- 10,000 AIC
- All GFCI Duplexes are listed as Weather Resistant and Tamper Resistant as required by 2008 NEC in Article 406.8 and 406.11.

Installation Ease

- All components factory wired and assembled, reducing installation time
- Door removable for installation ease; stay-open position for user convenience
- All terminals accept copper or aluminum wire for added installation flexibility
- Wide range of receptacle configurations
- Broad range of concentric knock-outs to accommodate varied wiring needs
- All units with 12-2 CuAl equipment ground lug



U055G

Temp Power/
Power Outlets

User Safety

- Dead front construction prevents accidental contact with live parts
- Door has padlock provisions to prevent unauthorized access
- Listed by Underwriters Laboratories, a safety plus

All-In-One Design:

- Includes breakers, receptacles and meter socket (if required).
- Available with GFI circuit breakers.
- Eliminates construction hold ups due to red tag code violations. Conforms to NEC and NEMA standards.

Site-Power™ eliminates concerns about:

- safety
- theft
- vandalism
- weather
- durability
- code-violations

Note: Horn bypass is standard in ALL ringless meter socket models

Temporary Power



Unmetered

<p>(2) 5-20R2GFCI</p>	<p>(2) 5-20R2</p>	<p>(2) 5-20R2</p>	<p>14-30R</p>	<p>6-20R 5-20R2</p>	<p>6-20R 5-20R2GFCI</p>
A U011C010	B U011G	B U011GTL	D U030	E U036C	F U036C033

<p>6-20R 5-20R2</p>	<p>6-20R (2) 5-20R2GFCI</p>	<p>6-20R (2) 5-20R2GFCI</p>	<p>6-20R (2) 5-20R2GFCI</p>	<p>6-20R (2) 5-20R2</p>
G U036G	H U038C010	I U038C033	J U038CTL010	K U038G

FIG.	UL	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
A	Y	U011C010	(2) 5 20R2GFC	(2) CB120 SPACE CB120	70	120/240	K	6 X 14	Y	LC33N7	10	4
B	Y	U011G	(2) 5 20R2	(2) GF 120 SPACE CB120	70	120/240	K	6 X 14	Y	LC33N7	10	4
C	Y	U011GTL	(2) 5 20R2	(2) GF 120 SPACE CB120	100	120/240	U	9 X 17	Y	LC33N1T	14 5	4
D	Y	U030	14 30R		30	120/240	G	5 X 7	Y		4 5	1
E	Y	U036C010	6 20R 5 20R2GFC	CB220 CB120	40	120 /240	K	6 X 14	Y	LC33N7	10	4
F	Y	U036C033	6 20R 5 20R2GFC	GF 230 CB120	40	120/240	K	6 X 14	Y	LC33N7	10	4
G	Y	U036G	6 20R 5 20R2	CB220 GF 120	40	120/240	K	6 X 14	Y	LC33N7	10	4
H	Y	U038C010	6 20R (2) 5 20R2GFC	CB220 (2) CB120	100	120/240	AA	9 X 17	Y	LC55N1	15	1
I	Y	U038C033	6 20R (2) 5 20R2GFC	GF 220 (2) CB120 SPACE CB120	100	120/240	AA	9 X 17	Y	LC55N1	15	1
J	Y	U038CTL010 %	6 20R (2) 5 20R2GFC	CB220 (2) CB120 SPACE CB120	100	120/240	AA	9 X 17	Y	LC55N1T	16	1
K	Y	U038G	6 20R (2) 5 20R2	CB220 (2) GF 120 SPACE CB120	100	120/240	U	9 X 17	Y	LC55N1	15	1

% Also available with GFI dual-pole breaker in place of GFI Receptacle replace "010" with "033"

* Wire Range Table on page 54

Temporary Power



Unmetered (continued)

<p>L6-30R (2) L5-20R</p>	<p>10-50R 5-20R2</p>	<p>10-50R 5-20R2GFCI</p>	<p>10-50R 5-20R2GFCI</p>	<p>10-50R 5-20R2</p>
A U039G6	B U051C	C U051C010	D U051C033	E U051G

<p>14-50R</p>	<p>14-50R 5-20R2GFCI</p>	<p>14-50R 5-20R2GFCI</p>	<p>14-50R 5-20R2</p>
F U054C	G U055C010	H U055C033	U055G

Temp Power/
Power Outlets

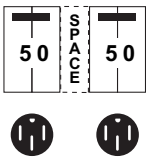
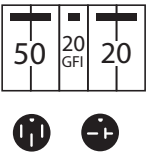
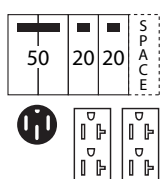
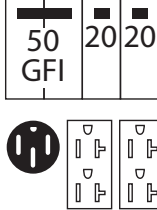
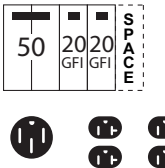
FIG.	UL	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
A	Y	U039G6	L6 30R (2) L5 20R	GF 230 (2) GF 120 SPACE CB120	125	120/240	C	9 X 21	Y	LC88PC	16	1
B	N	U051C	10 50R 5 20R2	CB250 CB120	70	120/240	K	6 X 14	Y	LC33N7	10	4
C	N	U051C010	10 50R 5 20R2GFC	CB250 CB120	70	120/240	K	6 X 14	Y	LC33N7	10	4
D	N	U051C033	10 50R 5 20R2GFC	GF 250 CB120	70	120/240	K	6 X 14	Y	LC33N7	10	4
E	N	U051G	10 50R 5 20R2	CB250 GF 120	70	120/240	K	6 X 14	Y	LC33N7	10	4
F	Y	U054C	14 50R	CB250 SPACE CB120	70	120/240	O	6 X 14	Y	LC33N7	10	4
G	Y	U055C010	14 50R 5 20R2GFC	CB250 CB120	70	120/240	K	6 X 14	Y	LC33N7	10	4
H	Y	U055C033	14 50R 5 20R2GFC	GF 250 CB120	70	120/240	K	6 X 14	Y	LC33N7	10	4
I	Y	U055G	14 50R 5 20R2	CB250 GF 120	70	120/240	K	6 X 14	Y	LC33N7	10	4

* Wire Range Table on page 54

Temporary Power



Unmetered (continued)

 <p>(2) 14-50R</p> <p>A U072C</p>	 <p>14-50R 6-20R 5-20R2</p> <p>B U073G</p>	 <p>14-50R (2) 5-20R2GFCI</p> <p>C U076C010</p>	 <p>14-50R (2) 5-20R2GFCI</p> <p>D U076C033</p>	 <p>14-50R (2) 5-20R2</p> <p>E U076G</p>
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Temp Power/
Power Outlets

FIG.	UL	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
A	Y	U072C	(2) 14 50R	(2) CB250 SPACE CB120	100	120/240	V	9 X 17	Y	LC55N1	16	1
B	Y	U073G	14 50R 6 20R 5 20R2	CB250 CB220 GF 120	90	120/240	U	9 X 17	Y	LC55N1	16	1
C	Y	U076C010	14 50R (2) 5 20R2GFCI	CB250 (2) CB120 SPACE CB120	90	120/240	AA	9 X 17	Y	LC55N1	16	1
D	Y	U076C033	14 50R (2) 5 20R2GFCI	GF 250 (2) CB120	90	120/240	AA	9 X 17	Y	LC55N1	16	1
E	Y	U076G	14 50R (2) 5 20R2	CB250 (2) GF 120 SPACE CB120	100	120/240	U	9 X 17	Y	LC55N1	16	1

* Wire Range Table on page 54

Temporary Power



Metered

A M011C010 R011C010	B M011G R011G	C M036C010 R036C010	D M036C033	E M036G R036G	F M038C010 R038C010

G M038C033 R038C033	H M038CB1010	I M038CB1033	J R038CP4010	K R038CP4033

Temp Power /
Power Outlets

Metered - Top Feed

FIG	UL	MODEL NUMBER		RECEPTACLES	CIRCUIT PROTECTION	AMPS	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT	STD PKG
		RINGTYPE	RINGLESS										
A	Y	M011C010	R011C010	(2) 5 20R2GFC	(2) CB120 SPACE CB120	100	120/240	AA	9 X 30	Y	LC33N1	21	1
B	Y	M011G	R011G	(2) 5 20R2	(2) GF 120 SPACE CB120	100	120/240	AA	9 X 30	Y	LC33N1	21	1
C	Y	M036C010	R036C010	6 20R 5 20R2GFC	CB220 CB120	40	120/240	AA	9 X 30	Y	LC33N1	25	1
D	Y	M036C033	—	6 20R 5 20R2GFC	GF 230 CB120	40	120/240	AA	9 X 30	Y	LC33N1	23	1
E	Y	M036G	R036G	6 20R 5 20R2	CB220 GF 120	40	120/240	AA	9 X 30	Y	LC33N1	25	1
F	Y	M038C010	R038C010	6 20R (2) 5 20R2GFC	CB220 (2) CB120 SPACE CB120	100	120/240	AA	9 X 30	Y	LC55N1	25	1
G	Y	M038C033	R038C033	6 20R (2) 5 20R2GFC	GF 220 (2) CB120 SPACE CB120	100	120/240	AA	9 X 30	Y	LC55N1	24	1
H	Y	M038CB1010	—	6 20R (2) 5 20R2GFC	CB220 (2) CB120 SPACE CB120	100	120/240	AA	14 X 26	Y	LC55N1	33	1
I	Y	M038CB1033	—	6 20R (2) 5 20R2GFC	GF 220 (2)CB120 SPACE CB120	100	120/240	AA	14 X 26	Y	LC55N1	33	1
J	Y	—	R038CP4010 ¹	6 20R (2) 5 20R2GFC	CB220 (2) CB120 SPACE CB120	100	120/240	A2	9 PT	Y	LC55N1	45	1
K	Y	—	R038CP4033 ¹	6 20R (2) 5 20R2GFC	GF 220 (2) CB120 SPACE CB120	100	120/240	A2	9 PT	Y	LC55N1	45	1

¹ Pad Mount Post. See page 66 for post mounted dimensions

* Wire Range Table on page 54

Metered

A M038G R038G	B M038GB1	C M038GB1033	D M051C010	E M051G	F M055C010 R055C010
G M055C033 R055C033	H M055G R055G	I M055GP6033	J M076C010 R076C010	K M076C033 R076C033	

Metered - Top Feed

FIG	UL	MODEL NUMBER		RECEPTACLES	CIRCUIT PROTECTION	AMPS	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT	STD PKG
		RINGTYPE	RINGLESS										
A	Y	M038G	R038G	6 20R (2) 5 20R2	CB220 (2) GF 120 SPACE CB120	100	120/240	AA	9 X 30	Y	LC55N1	25	4
B	Y	M038GB1	—	6 20R (2) 5 20R2	CB220 (2) GF 120 SPACE CB120	100	120/240	AA	14 X 26	Y	LC55N1	35	1
C	Y	M038GB1033	—	6 20R (2) 5 20R2	GF 220 (2) GF 120 SPACE CB120	100	120/240	AA	14 X 26	Y	LC55N1	35	1
D	N	M051C010	—	10 50R 5 20R2GFC	CB250 CB120	70	120/240	AA	9 X 30	Y	LC33N1	25	1
E	N	M051G	—	10 50R 5 20R2	CB250 GF 120	70	120/240	AA	9 X 30	Y	LC33N1	25	1
F	Y	M055C010	R055C010	14 50R 5 20R2GFC	CB250 CB120	70	120/240	K	9 X 30	Y	LC33N1	25	1
G	Y	M055C033	R055C033	14 50R 5 20R2GFC	GF 250 CB120	70	120/240	K	9 X 30	Y	LC33N1	23	1
H	Y	M055G	R055G	14 50R 5 20R2	CB250 GF 120	70	120/240	AA	9 X 30	Y	LC33N1	25	1
I	Y	M055GP6033 ¹	—	14 50R 5 20R2	GF 250 GF 120	70	120/240	A2	9 PT	Y	LC33N1	51	1
J	Y	M076C010	R076C010	14 50R (2) 5 20RGFC	CB250 (2) CB120 SPACE CB120	90	120/240	AA	9 X 30	Y	LC55N1	25	1
K	Y	M076C033	R076C033	14 50R (2) 5 20RGFC	GF 250 (2) CB120 SPACE CB120	90	120/240	AA	9 X 30	Y	LC55N1	25	1

¹ Earth Burial Post. See page 66 for post mounted dimensions

* Wire Range Table on page 54

Temporary Power



Metered

(2) 5-20R2GFCI	R32U, (2) 5-20R2GFCI	6-20R 5-20R2GFCI	6-20R, (2) 5-20R2GFCI	6-20R (2) 5-20R2GFCI	6-20R (2) 5-20R2
A M011C010U R011C010U	B R031C010U	C M036C010U R036C010U	E M038C010U R038C010U	F M038C033U R038C033U	G R038GU
BR32U, 5-20R2GFCI	14-50R 5-20R2GFCI	14-50R 5-20R2GFCI	14-50R, BR32U, 5-20R2GFCI	14-50R (2) 5-20R2GFCI	14-50R 5-20R2GFCI
H M041C010U	I M055C010U R055C010U	J M055C033U R055C033U	K M075C010U R075C010U	L M076C010U R076C010U	M M355C010U

Temp Power/
Power Outlets

Metered - Bottom Feed

FIG	UL	MODEL NUMBER		RECEPTACLES	CIRCUIT PROTECTION	AMPS	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT	STD PKG
		RINGTYPE	RINGLESS										
A	Y	M011C010U	R011C010U	(2) 5 20R2GFC	(2) CB120 SPACE CB120	100	120/240	X	9 X 30U	N	LC33N1	21	1
B	Y	—	R031C010U	R32U (2) 5 20R2GFC	CB130 (2) CB120	100	120/240	AA	9 X 30U	Y	LC55N1	25	1
C	Y	M036C010U	R036C010U	6 20R 5 20R2GFC	CB220 CB120	40	120/240	X	9 X 30U	N	LC33N1	25	1
E	Y	M038C010U	R038C010U	6 20R (2) 5 20R2GFC	CB220 (2) CB120 SPACE CB120	100	120/240	X	9 X 30U	N	LC55N1	25	1
F		M038C033U	R038C033U	6 20R (2) 5 20R2GFC	GF 220 (2) CB120 SPACE CB120	100	120/240	X	9 X 30U	Y	LC55N1	26	1
G		—	R038GU	6 20R (2) 5 20R2	CB220 (2) GF 120	100	120/240	X	9 X 30U	N	LC55N1	25	1
H		M041C010U	—	BR32U 5 20R2GFC	CB130 CB120 SPACE CB120	100	120/240	AA	9 X 30U	Y	LC33N1	25	1
I		M055C010U	R055C010U	14 50R 5 20R2GFC	CB250 CB120	70	120/240		9 X 30U	N	LC33N1	25	1
J		M055C033U	R055C033U	14 50R 5 20R2GFC	GF 250 CB120	70	120/240		9 X 30U	Y	LC33N1	23	1
K		M075C010U**	R075C010U	14 50R BR32U 5 20R2GFC	CB250 CB130 CB120 (1)SPACE	100	120/240	AA	9 X 30U	Y	LC55N1	25	1
L		M076C010U	R076C010U	14 50R (2) 5 20R2GFC	CB250 (2) CB120 SPACE CB120	90	120/240	X	9 X 30U	N	LC55N1	25	1
M		M355C010U	—	14 50R 5 20R2GFC	CB250 (2)SPACE CB120 CB120	100	120/240	AA	9 X 30U	Y	LC55N1	25	1

** Florida Metering Group (FMG) approved. Add "FMG" after model. (i.e., "MP200S0FMG")

Technical Data

MODEL NUMBER	REPLACEMENT PARTS		CABINET SIZE	ENCLOSURE STYLE page 53	CABINET DIMENSIONS			KNOCKOUT FIGURE page 54
	METER SOCKET	HEIGHT A			WIDTH B	DEPTH C		
M011C010	MSM100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
M011C010U	MSM100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	3	
M011G	MSM100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
M036C010	MSM100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
M036C010U	MSM100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	3	
M036C033	MSM100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
M036G	MSM100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
M038C010	MSM100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
M038C010U	MSM100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	3	
M038C033	MSM100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
M038C033U	MSM100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	3	
M038CB1010	MSM10014	14 X 26	B	26 1/4"	14 3/4"	4 9/16"	4	
M038CB1033	MSM10014	14 X 26	B	26 1/4"	14 3/4"	4 9/16"	4	
M038G	MSM100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
M038GB1	MSM10014	14 X 26	B	26 1/4"	14 3/4"	4 9/16"	4	
M038GB1033	MSM10014	14 X 26	B	26 1/4"	14 3/4"	4 9/16"	4	
M041C010U	MSM100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	4	
M051C010	MSM100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
M051G	MSM100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
M055C010	MSM100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
M055C010U	MSM100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	3	
M055C033	MSM100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
M055C033U	MSM100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	3	
M055G	MSM100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
M055GP6033	MSM100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
M075C010U	MSM100EZ	9 x 30U	C	30"	9 3/4"	5 3/16"	4	
M076C010	MSM100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
M076C010U	MSM100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	3	
M076C033	MSM100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
M355C010U	MSM100EZ	9 x 30U	C	30"	9 3/4"	5 3/16"	4	
R011C010	MSR100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
R011C010U	MSR100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	3	
R011G	MSR100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
R031C010U	MSR100EZ	9 x 30U	C	30"	9 3/4"	5 3/16"	4	
R036C010	MSR100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
R036C010U	MSR100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	3	
R036G	MSR100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
R038C010	MSR100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
R038C010U	MSR100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	3	
R038C033	MSR100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
R038C033U	MSR100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	3	
R038CP4010	MSR100EZ	9 PT	B	30"	9 3/4"	5 3/16"	2	
R038CP4033	MSR100EZ	9 PT	B	30"	9 3/4"	5 3/16"	2	
R038G	MSR100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
R038GU	MSR100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	3	
R055C010	MSR100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
R055C010U	MSR100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	3	
R055C033	MSR100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	

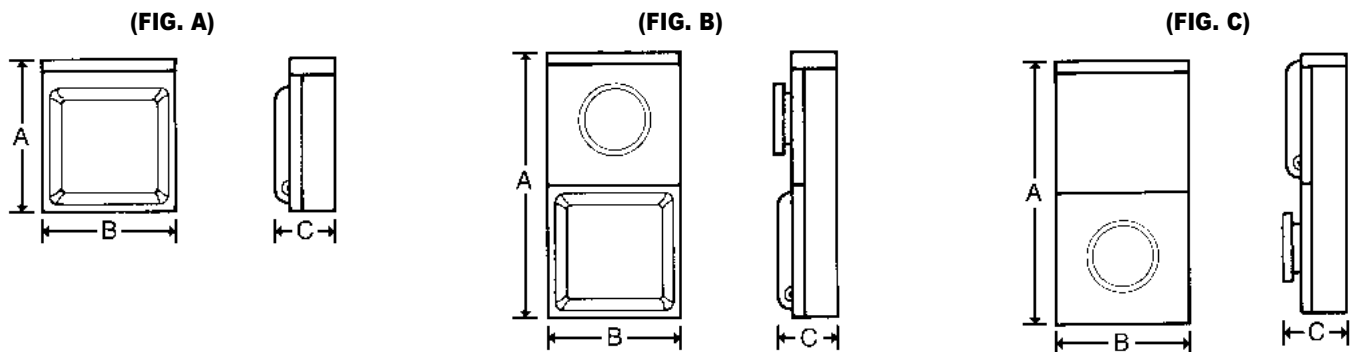
Temp Power/
Power Outlets

Technical Data

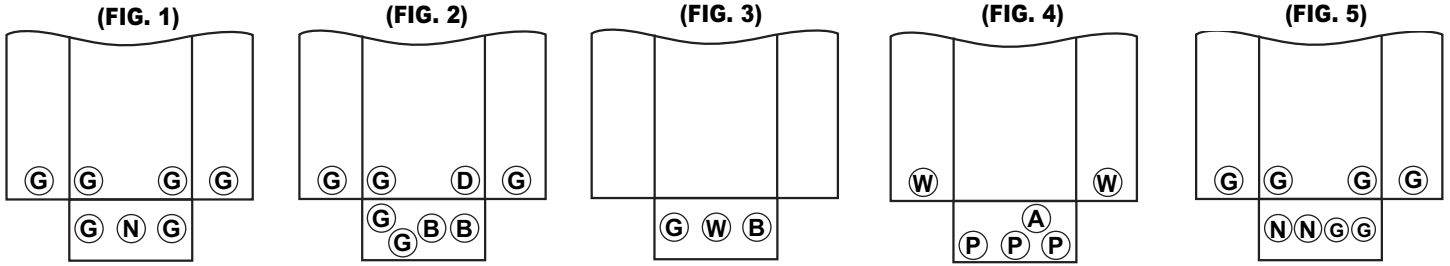
MODEL NUMBER	REPLACEMENT PARTS		CABINET SIZE	ENCLOSURE STYLE page 53	CABINET DIMENSIONS			KNOCKOUT FIGURE page 54
	METER SOCKET	HEIGHT A			WIDTH B	DEPTH C		
R055C033U	MSR100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	3	
R055G	MSR100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
R075C010U	MSR100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	4	
R076C010	MSR100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
R076C010U	MSR100EZ	9 X 30U	C	30"	9 3/4"	5 3/16"	3	
R076C033	MSR100930	9 X 30	B	30"	9 3/4"	5 3/16"	2	
U011C010		6 X 14	A	14 3/8"	6 3/4"	5 3/16"	1	
U011G		6 X 14	A	14 3/8"	6 3/4"	5 3/16"	1	
U011GTL		6 X 14	A	14 3/8"	6 3/4"	5 3/16"	1	
U030		5 X 7	A	7 1/8"	5 3/4"	5 3/16"	1	
U036C010		6 X 14	A	14 3/8"	6 3/4"	5 3/16"	1	
U036C033		6 X 14	A	14 3/8"	6 3/4"	5 3/16"	1	
U036G		6 X 14	A	14 3/8"	6 3/4"	5 3/16"	1	
U038C010		9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2	
U038C033		9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2	
U038CTL010		9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2	
U038CTL033		9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2	
U038G		9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2	
U039G6		9 X 21	*	21"	9 3/4"	5 3/16"	5	
U051C		6 X 14	A	14 3/8"	6 3/4"	5 3/16"	1	
U051C010		6 X 14	A	14 3/8"	6 3/4"	5 3/16"	1	
U051C033		6 X 14	A	14 3/8"	6 3/4"	5 3/16"	1	
U051G		6 X 14	A	14 3/8"	6 3/4"	5 3/16"	1	
U054C		6 X 14	A	14 3/8"	6 3/4"	5 3/16"	1	
U055C010		6 X 14	A	14 3/8"	6 3/4"	5 3/16"	1	
U055C033		6 X 14	A	14 3/8"	6 3/4"	5 3/16"	1	
U055G		6 X 14	A	14 3/8"	6 3/4"	5 3/16"	1	
U072C		9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2	
U073G		9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2	
U076C010		9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2	
U076C033		9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2	
U076G		9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2	

Temp Power /
Power Outlets

Cabinet Dimensions



Knockout Configurations



A= 1/2"
B= 1", 1-1/4", 1-1/2"
D= 3/4", 1", 1-1/4"

G= 1/2", 3/4", 1"
N= 1/2", 3/4", 1", 1-1/4", 1-1/2"

P= 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2"
W= 1/2", 3/4", 1", 1-1/4", 2"

Temp Power/
Power Outlets

Wire Range Tables

TABLE AA

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	----	6-1/0	----	6-1/0
Load	14-10	14-10	----	----
Neutra Lrg Hole	12-8	12-1/0	10-8	10-1/0
Neutra Sm Hole	14-8	14-4	12-8	12-4
Equ p. Grnd.	12-8	12-2	12-8	12-2

TABLE A2

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	----	6-1/0	----	6-1/0
Load	14-10	14-10	----	----
Neutra Lrg Hole	12-8	12-1/0	10-8	10-1/0
Neutra Sm Hole	14-8	14-4	12-8	12-4
Equ p. Grnd.	12-8	12-2	12-8	12-2
<small>Post Line Connectors Suitable for Loop Feed</small>	2-250 KCM L		2-250 KCM L	
Equ p. Grnd.	12-2	12-2	12-2	12-2

TABLE C

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	----	1-300	----	1-300
Ground Lrg Hole	12-8	12-1/0	12-10	10-1/0
Ground Sm Hole	14-8	14-4	12-10	10-1/0
Neutra Lrg Hole	14-1/0	14-1/0	14-1/0	14-1/0
Neutra Sm Hole	14-6	14-6	14-6	14-6

TABLE G

Connector	Copper	
	So d	Strand
Line	12-8	12-4
Load	----	----
Neutra	12-8	12-4
Equ p. Grnd.	12-8	12-2

TABLE H

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-2	12-8	12-2
Load	14-10	14-10	----	----
Neutra	----	6-350	----	6-350
Neutra	----	1-300	----	1-300
Equ p. Grnd.	12-8	12-2	12-8	12-2

TABLE K

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-2	12-8	12-2
Load	14-10	14-10	----	----
Neutra End Hole	14-8	14-2	12-8	12-2
Neutra Side Hole	14-8	14-4	12-8	12-4
Equ p. Grnd.	12-8	12-2	12-8	12-2

TABLE O

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-2	12-8	12-2
Load	----	----	----	----
Neutra End Hole	14-8	14-2	12-8	12-2
Neutra Side Hole	14-8	14-4	12-8	12-4
Equ p. Grnd.	12-8	12-2	12-8	12-2

TABLE U

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	14-10	14-10	----	----
Neutra Lrg Hole	12-8	12-1/0	10-8	10-1/0
Neutra Sm Hole	14-8	14-4	12-8	12-4
Equ p. Grnd.	12-8	12-2	12-8	12-2

TABLE V

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	----	----	----	----
Neutra Lrg Hole	12-8	12-1/0	10-8	10-1/0
Neutra Sm Hole	14-8	14-4	12-8	12-4
Equ p. Grnd.	12-8	12-2	12-8	12-2

TABLE X

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	----	6-1/0	----	6-1/0
Load	14-10	14-10	----	----
Neutra	----	6-350	----	6-350
Neutra	----	1-300	----	1-300
Equ p. Grnd.	12-8	12-2	12-8	12-2

Temporary Power & Power Outlets



Wire Range Tables

TABLE A

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-6	12-8	12-6
Load	----	----	----	----
Neutra	12-8	12-6	12-8	12-6
Equ p. Grnd.	12-8	12-2	12-8	12-2

TABLE L

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-3	12-8	12-3
Load	14-10	14-10	----	----
Neutra <small>End Hole</small>	14-8	14-2	12-8	12-2
Neutra <small>Side Hole</small>	14-8	14-4	12-8	12-4
Equ p. Grnd.	12-8	12-2	12-8	12-2

TABLE R

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line - Switch	14-10	14-10	----	----
Equ p. Grnd.	12-8	12-2	12-8	12-2
Line - Recept	14-10	14-10	----	----
Load - Recept	14-10	14-10	----	----
Neutra - Recept	14-10	14-10	----	----

TABLE B

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-6	12-8	12-6
Load	14-10	14-10	----	----
Neutra	12-8	12-6	12-8	12-6
Equ p. Grnd.	12-8	12-2	12-8	12-2

TABLE M

Connector	Copper	
	So d	Strand
Line	12-8	12-4
Load	14-10	14-10
Neutra	12-8	12-4
Equ p. Grnd.	12-8	12-2
Line <small>FH2 Fuseholder</small>	14-10	14-10
Neutra	14-10	14-10

TABLE T1

Connector	Copper	
	So d	Strand
Line - Switch	12	12
Equ p. Grnd.	12-8	12-2
Line - Recept	12	12
Load - Recept	14-10	14-10
Neutra - Recept	14-10	14-10

TABLE E

Connector	Copper	
	So d	Strand
Line	14-10	14-10
Load	14-10	14-10
Neutra	14-10	14-10
Equ p. Grnd.	12-8	12-2

TABLE N

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line <small>Mtr Socket</small>	----	1-300	----	----
Load <small>Base Lugs</small>	----	----	----	----
Neutra <small>Lrg Sngl Lug</small>	----	1-300	----	1-300
Neutra <small>Sm Sngl Lug</small>	14-8	14-1/0	12-8	12-1/0
Neutra <small>Lrg Hole</small>	14-8	10-4	----	6-4
Neutra <small>Sm Hole</small>	14-8	12-8	12-8	12-8
Equ p. Grnd. <small>Lrg Hole</small>	12-8	12-1/0	12-10	10-1/0
Equ p. Grnd. <small>Sm Hole</small>	14-8	14-4	12-10	12-4

TABLE T4

Connector	Copper	
	So d	Strand
Line - Switch	14	14
Equ p. Grnd.	12-8	12-2
Line - Recept	14	14
Load - Recept	14-10	14-10
Neutra - Recept	14-10	14-10

TABLE F

Connector	Copper	
	So d	Strand
Line	14-10	14-10
Load	----	----
Neutra	14-10	14-10
Equ p. Grnd.	12-8	12-2

TABLE P

Connector	Copper	
	So d	Strand
Line	12-8	12-4
Load	----	----
Neutra	----	----
Equ p. Grnd.	12-8	12-2

TABLE Z

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	14-8	14-1/0	12-8	12-1/0
Neutral <small>LARGE HOLE</small>	12-8	12-1/0	10-8	10-1/0
Neutral <small>SMALL HOLE</small>	14-8	14-4	12-8	12-4
Equip. Grnd.	12-8	12-2	12-8	12-2

TABLE J

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-10	14-10	----	----
Load	14-10	14-10	----	----
Neutra	14-10	14-10	----	----
Equ p. Grnd.	12-8	12-2	12-8	12-2

TABLE Q

Connector	Copper	
	So d	Strand
Line	14-8	14-1/0
Load	14-10	14-10
Neutra <small>Lrg Hole</small>	12-8	12-1/0
Neutra <small>Sm Hole</small>	14-8	14-4
Equ p. Grnd.	12-8	12-2

TABLE AD

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	----	6-1/0	----	6-1/0
Load	----	----	----	----
Neutral <small>LARGE HOLE</small>	12-8	12-1/0	10-8	10-1/0
Neutral <small>SMALL HOLE</small>	14-8	14-4	12-8	12-4
Equip. Grnd.	12-8	12-2	12-8	12-2

Temp Power/
Power Outlets



For Farm, Home and Industry

Application Information

Portable equipment requiring electricity continues to increase steadily in both number and variety. This creates the need for conveniently located receptacles to provide power for cord connected equipment. Midwest Electric Power Outlets provide one or more receptacles, with or without overcurrent protection, in a single enclosure, eliminating the need for several separately mounted components while providing maximum protection against weather and normal field use. Additionally, many models also include disconnecting, metering, and/or pedestal mounting functions, in a single NEMA 3R enclosure/assembly.



Temp Power /
Power Outlets

Features and Benefits

Features

- G90 galvanized steel with superior electro-deposition paint finish, provides excellent corrosion protection
- All in one construction for factory assured terminations
- Rolled edge door for cord protection
- Cover design allows cords to exist while maintaining the NEMA 3R integrity
- Wide assortments of concentric knockouts offer flexibility in the installation
- All GFCI Duplexes are listed as Weather Resistant and Tamper Resistant as required by 2008 NEC in Article 406.8 and 406.11.

Benefits

- Padlockable door to help prevent unauthorized access
- Dead front construction prevents accidental contact with live parts
- Listed by Underwriter Laboratories
- All components factory wired and assembled reducing installation time



Power Outlets - Surface



<p>(2) 10-50R 5-20R2</p> <p>A U002C</p>	<p>(2) 14-50R 5-20R2GFCI</p> <p>B U004CTL010</p>	<p>(2) 14-50R 5-20R2</p> <p>C U004F</p>	<p>5-20R2</p> <p>D U010</p>	<p>5-20R2</p> <p>E U010C</p>	<p>5-20R2</p> <p>F U010F</p>
<p>5-20R2</p> <p>G U010H</p>	<p>5-20R2GFCI</p> <p>H U010010</p>	<p>(2) 5-20R2</p> <p>I U011</p>	<p>(2) 5-20R2</p> <p>J U011F</p>	<p>(2) 5-20R2GFCI</p> <p>K U011010/U012010</p>	<p>R32U</p> <p>L U013</p>

Temp Power / Power Outlets

Surface - Unmetered

FIG.	UL	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
A	N	U002C	(2) 10 50R 5 20R2	(2) CB250 CB120	100	120/240	U	14 X 21	Y	LC55N1	31	1
B	Y	U004CTL010	(2) 14 50R 5 20R2GFC	(2) CB250 CB120	120	120/240	U	9 X 17	Y	LC55N1T	17	1
C	Y	U004F	(2) 14 50R 5 20R2	F 2	120	120/240	U	14 X 21	Y	FR64X2	30	1
D	Y	U010	5 20R2		20	120	E	5 X 7	Y		4.5	4
E	Y	U010C	5 20R2	CB120	20	120/240	B	6 X 9	Y	LC31N3	7	4
F	Y	U010F	5 20R2	F 2	20	120	E	5 X 7	Y		4.5	4
G	Y	U010H	5 20R2	F 2 SP SW TC	20	120	E	5 X 7	Y		5	4
H	Y	U010010	5 20R2GFC		20	120	E	5 X 7	Y		4.5	4
I	Y	U011	(2) 5 20R2		20	120	E	5 X 7	Y		4.5	4
J	Y	U011F	(2) 5 20R2	(2) F 2	20	120/240	E	6 X 9	Y		9	4
K	Y	U011010	(2) 5 20R2GFC		20	120	E	5 X 7	Y		4.5	4
K	Y	U012010	(2) 5 20R2GFC		20	120	J	5 X 7	N		4.5	4
L	Y	U013	R32U		30	120	F	5 X 7	Y		4.5	4

* Wire Range Table on pages 54-55

Power Outlets - Surface



R32U	R32U	R32U	(4) 5-20R2GFCI	7310	R32U 5-20R2	R32U 5-20R2
A U013C	M U132CTL	B U013F	C U014C010	D U023	E U041	F U041C

R32U 5-20R2	R32U 5-20R2GFCI	10-50R	10-50R	10-50R 5-20R2	14-50R
G U041F	H U041010	I U050	J U050C	K U051F	L U054

Temp Power /
Power Outlets

Surface - Unmetered

FIG.	UL	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
A	Y	U013C	R32U	CB130	30	120	A	6 X 9	Y	LC31N3	7	4
M	Y	U132CTL	R32U	CB130 SPACE (2) CB120	100	120/240	V	9 X 17	Y	LC33N1T	11	1
B	Y	U013F	R32U	F 3	30	120	F	5 X 7	Y		4.5	4
C	Y	U014C010 ¹	(4) 5 20R2GFC	(4) CB120 SPACE CB120	100	120/240	U	9 X 17	Y	LC55N1	28	1
D	N	U023	7310		20	120/240	F	5 X 7	Y		4.5	4
E	Y	U041	R32U 5 20R2		30	120/240	E	6 X 9	Y		6	4
F	Y	U041C	R32U 5 20R2	CB130 CB120 SPACE CB120	70	120/240	K	6 X 14	Y	LC33N7	10	4
G	Y	U041F	R32U 5 20R2	F 3 F 2	30	120/240	E	6 X 9	Y		7	4
H	Y	U041010	R32U 5 20R2GFC		30	120/240	J	6 X 9	Y		9	4
I	N	U050	10 50R		50	120/240	G	5 X 7	Y		4.5	4
J	N	U050C	10 50R	CB250 SPACE CB120	70	120/240	O	6 X 14	Y	LC33N7	10	4
K	N	U051F	10 50R 5 20R2	F 2	50	120/240	K	6 X 14	Y	FR66	10	4
L	Y	U054	14 50R		50	120/240	G	5 X 7	Y		5	4

¹ Earth Burial Model U014CP6010

* Wire Range Table on pages 54-55

Power Outlets - Surface



 14-50R	 14-50R 5-20R2GFCI	 14-50R 5-20R2	 14-50R BR32U	 (2) R32U	 (2) R32U
A U054F	B U055010	C U055F	D U058C	E U061C	F U061CTL

Temp Power / Power Outlets

 10-50R 7310 5-20R2	 14-50R BR32U 5-20R2	 14-50R	 L6-30R (2) L5-20R	 14-50R
G U070C	H U075C	J U154F	K U239G	L U354C

Surface - Unmetered

FIG.	UL	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
A	Y	U054F	14 50R		50	120/240	O	6 X 14	Y	FR67	10	4
B	Y	U055010	R54U 5 20R2GFC		50	120/240	J	6 X 9	Y		9	4
C	Y	U055F	14 50R 5 20R2		50	120/240	L	6 X 14	Y	FR66 F 2	9	4
D	Y	U058C ¹	14 50R BR32U	CB250 CB130	80	120/240	V	9 X 17	Y	LC33N1	15	1
E	Y	U061C ¹	(2) R32U	(2) CB130 SPACE CB120	50	120/240	O	6 X 14	Y	LC33N7	10	4
F	Y	U061CTL	(2) R32U	(2) CB130 SPACE CB120	100	120/240	O	9 X 17	Y	LC33N1T	14	1
G	N	U070C	10 50R 7310 5 20R2	CB250 CB220 CB120	90	120/240	U	9 X 17	Y	LC55N1	16	1
H	Y	U075C	14 50R BR32U 5 20R2	CB250 CB130 CB120 SPACE CB120	100	120/240	U	9 X 17	Y	LC55N1	16	1
J	Y	U154F	14 50R		100	120/240	Z	14 X 21	Y	F L101 FR67	31	1
K	Y	U239G	L6 30R (2) L5 20R	GF 230 (2) GF 120	200	120/240	N	14 X 21	Y	LC1212PC	30	1
L	Y	U354C	14 50R	CB250 SPACE (3) CB120	100	120/240	V	9 X 17	Y	LC55N1	16	1

¹ Model Number is also suitable for use as Temporary Site Service Equipment when installed in accordance with the N.E.C.

* Wire Range Tables on pages 54-55

Power Outlets - Surface



<p>(2) 5-20R2</p>	<p>6-50R</p>	<p>6-50R 5-20R2</p>	<p>6-50R 5-20R2</p>	<p>14-60R</p>	<p>14-50R 5-20R2</p>
A U361G	B U501	C U511C	D U511G	E U546	F U550F

<p>(2) R32U (2) BR32U</p>	<p>10-30R (2) 5-20RGFCI</p>	<p>L6-30R (2) L5-20R</p>	<p>14-50R R32U</p>	<p>14-50R</p>
G U614C U614CB6	H U666C010	I U870G	J M058C R058C	K M354C

Temp Power / Power Outlets

Surface - Unmetered

FIG.	UL	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
A	Y	U361G	(2) 5 20R2	GF 120	70	120/240	K	6 X 14	Y	LC33N7	9	4
B	Y	U501	6 50R		50	240	P	5 X 7	Y		5	4
C	Y	U511C	6 50R 5 20R2	CB250 CB120	70	120/240	K	6 X 14	Y	LC33N7	10	4
D	Y	U511G	6 50R 5 20R2	CB250 GF 120	70	120/240	K	6 X 14	Y	LC33N7	10	4
E	N	U546	14 60R		60	120/240	G	6 X 9	Y		5	4
F	Y	U550F	14 50R 5 20R2	F 2	50	120/240	M	6 X 14	Y		6	4
G	Y	U614C ¹ &	(2) R32U (2) BR32U	(4) CB130 SPACE CB120	100	120/240	V	14 X 21	Y	LC55N1	30	1
H	Y	U666C010	10 30R (2) 5 20R2GFC	CB230 (2) CB120 SPACE CB120	70	120/240	U	9 X 17	Y	LC55N1	16	1
I	Y	U870G	L6 30R (2) L5 20R	CB230 (2) GF 120 SPACE CB120	100	120/240	Q	9 X 17	Y	LC55N1	16	1

Surface - Metered

FIG.	UL	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
J	Y	R058C ¹ +	14 50R R32U	CB250 CB130	80	120/240	AD	9 X 30	Y	LC33N1	25	1
K	Y	M354C	14 50R	CB250 SPACE (3) CB120	100	120/240	AD	9 X 30	Y	LC55N1	25	1

¹ Model Number is also suitable for use as Temporary Site Service Equipment when installed in accordance with the N.E.C.

& Available as Back-to-Back Earth Burial Pedestal, Model Number U614CB6

+ Also Available in Ring Type Meter Socket - Order M058C

* Wire Range Table on pages 54-55

Power Outlets - Surface



B U025S	C U010010GRP U010010	D U010S010GRP U010S010	E U012010GRP U012010

F T1010GRP	G T2010GRP	H T3010GRP	I T4010GRP	J T5010GRP

Temp Power / Power Outlets

Surface - Unmetered

Fig.	Model Number	Receptacles	# of GFI	Amps	Volts	Wire Range	Cabinet Size	Hub Opening	Enclosure Color	Unit Weight	Std. Pkg.	cULus
B	U025S	L6 20R Tw st Lock & Sw tch	0	20	240	R	5x7	N	Gray	4	4	Y

Surface - Camo Green Paint

Fig.	Model Number	Receptacles	# of GFI	Amps	Volts	Wire Range	Cabinet Size	Hub Opening	Enclosure Color	Unit Weight	Std. Pkg.	cULus
C	U010010GRP*	5 20R2GFCI	1	20	120	E	5x7	N	Green	4	1	Y
D	U010S010GRP*	5 20R2GFCI & Sw tch	1	20	120	R	5x7	N	Green	3	1	Y
E	U012010GRP*	(2) 5 20R2GFCI	2	20	120	J	5x7	N	Green	3	1	Y

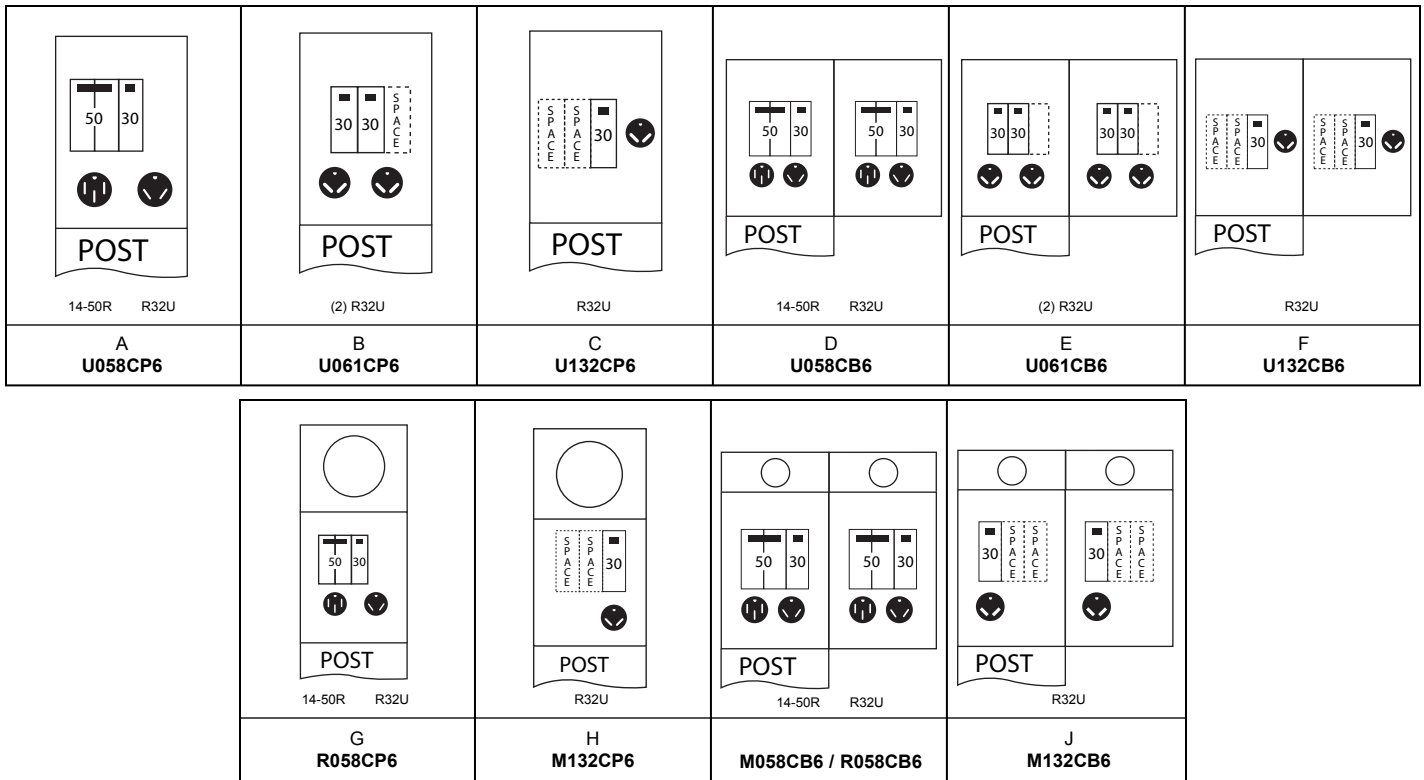
* Available in Standard Gray Paint U010010, U010S010, U012010 See page 58

Timer Included - Camo Green Paint

Fig.	Model Number	Receptacles	# of GFI	Amps	Volts	Wire Range	Cabinet Size	Hub Opening	Enclosure Color	Unit Weight	Std. Pkg.	cULus
F	T1010GRP	5 20R2GFCI & 2 Hr Timer	1	20	125	T1	5x7	N	Green	4	1	Y
G	T2010GRP	5 20R2GFCI & 6 Hr Timer	1	20	125	T1	5x7	N	Green	4	1	Y
H	T3010GRP	5 20R2GFCI & 12 Hr Timer	1	20	125	T1	5x7	N	Green	4	1	Y
I	T4010GRP	5 15R2GFCI & 24 Hr Timer	1	15	125	T4	5x7	N	Green	4	1	Y
J	T5010GRP	5 15R2GFCI & 7-Day Digital Timer	1	15	120	T4	5x7	N	Green	4	1	Y

* Wire Range Table on page 55

Power Outlets - Pedestal



Temp Power / Power Outlets

Pedestal - Unmetered

FIG.	UL	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
A	Y	U058CP6 ²	14 50R R32U	CB250 CB130	80	120/240	AG	9PT	N	LC33N1	20	1
B	Y	U061CP6 ²	(2) R32U	(2) CB130 SPACE CB120	70	120/240	AJ	6PT	N	LC33N7	32	1
C	Y	U132CP6 ²	R32U	CB130 SPACE (2) CB120	70	120/240	A	6PT	N	LC33N7	48	1

Back-to-Back Pedestal - Unmetered

FIG.	UL	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
D	Y	U058CB6	14 50R R32U	CB250 CB130	80	120/240	AK	9PT	N	LC33N1	62	1
E	Y	U061CB6 ²	(2) R32U	(2) CB130 SPACE CB120	70	120/240	AM	6PT	N	LC33N1	46	1
F	Y	U132CB6 ²	R32U	CB130 SPACE (2) CB120	70	120/240	AM	6PT	N	LC33N1	59	1

Pedestal - Metered

FIG.	UL	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
G	Y	R058CP6 ²	14 50R R32U	CB250 CB130	80	120/240	AQ	9PT	N	LC33N1	59	1
H	Y	M132CP6 ²	R32U	CB130 SPACE (2) CB120	100	120/240	AQ	9PT	N	LC33N1	56	1

Back-to-Back Pedestal - Metered

FIG.	UL	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
I	Y	R058CB6 ¹⁺	14 50R R32U	CB250 CB130	80	120/240	AT	9PT	N	LC33N1	82	1
J	Y	M132CB6 ²	R32U	CB130 SPACE (2) CB120	100	120/240	AU	9PT	N	LC33N1	82	1

¹ Not UL Listed

² Model Number is suitable for use as Temporary Site Service Equipment when installed in accordance with the N.E.C.

⁺ Also Available in Ring Type - Order M058CB6

* Wire Range Table on page 67

Technical Data

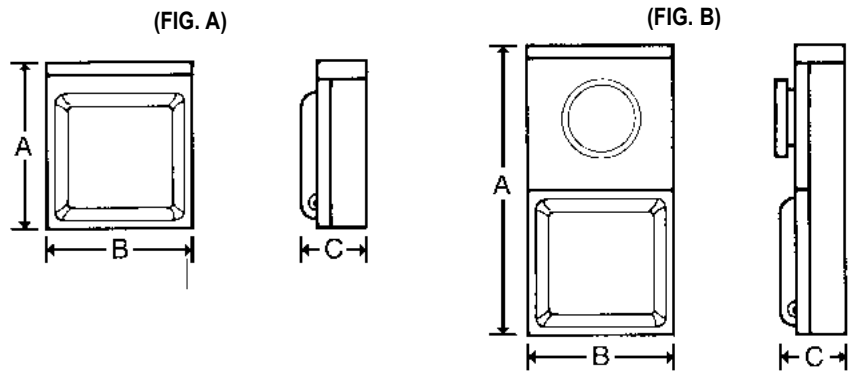
MODEL NUMBER	REPLACEMENT PARTS		CABINET SIZE	ENCLOSURE STYLE page 65	CABINET DIMENSIONS			KNOCKOUT FIGURE page 65
	METER SOCKET	POST LUGS			HEIGHT	WIDTH	DEPTH	
					A	B	C	
M058C	MSM100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
M058CB6	MSM100P9	LT100B350	9PT		See page 66			
M132CB6	MSM100P9	LT100B350	9PT		See page 66			
M132CP6	MSM100P9	LT100S250	9PT		See page 66			
M358CP6	MSM100P9	LT100S250	9PT		See page 66			
R058C	MSR100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
R058CB6	MSR100P9	LT100B350	9PT		See page 66			
R058CP6	MSR100P9	LT100S250	9PT		See page 66			
U002C			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U004F			14 X 21	A	21 3/8"	14 3/4"	6 7/16"	3
U004CTL010			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U010			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
U010010/U010010GRP			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
U010C			6 X 9	A	9 1/8"	7 1/4"	5 3/16"	1
U010F			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
U010H			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
U010S010/U010S010GRP			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
U011			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
U011010			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
U011F			6 X 9	A	9 1/8"	7 1/4"	5 3/16"	1
U012010			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
U012010GRP			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
U013			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
U013C			6 X 9	A	9 1/8"	7 1/4"	5 3/16"	1
U013F			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
U014C010			9 X 17	A	17"	9 1/2"	5 1/5"	2
U014CP6010			9PT		See page 66			
U023			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
U025S			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
U041/U041010			6 X 9	A	9 1/8"	7 1/4"	5 3/16"	1
U041C			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1
U041F			6 X 9	A	9 1/8"	7 1/4"	5 3/16"	1
U050			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
U050C			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1
U051F			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1
U054			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
U054F			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1
U055010			6 X 9	A	9 1/8"	7 1/4"	5 3/16"	1
U055F			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1
U058C			9 X 17	A	17 3/8"	9 1/4"	5 3/16"	2
U058CB6		LT100B250	9PT		See page 66			
U058CP6		LT100S250	9PT		See page 66			
U061C			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1

Technical Data

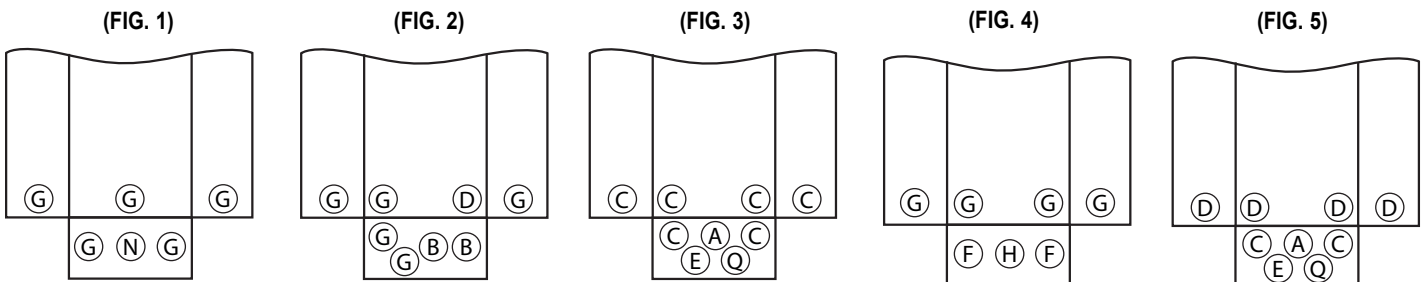
MODEL NUMBER	REPLACEMENT PARTS		CABINET SIZE	ENCLOSURE STYLE page 65	CABINET DIMENSIONS			KNOCKOUT FIGURE page 65
	METER SOCKET	POST LUGS			HEIGHT	WIDTH	DEPTH	
					A	B	C	
U061CB6		LT100B250	6PT		See page 66			
U061CP6		LT100S250	6PT		See page 66			
U061CTL			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U070C			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U075C			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U132CB6		LT100B250	6PT		See page 66			
U132CP6		LT100S250	6PT		See page 66			
U132CTL			9 X 17	A	17 3/8"	9 1/4"	5 3/16"	2
U154F			14 X 21	A	21 3/8"	14 1/4"	6 7/16"	3
U239G			14 X 21	A	21 3/8"	14 1/4"	6 7/16"	3
U361G			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1
U501			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
U511C			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1
U511G			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1
U546			6 X 9	A	9 1/8"	7 1/4"	5 3/16"	1
U550F			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1
U614C			14 X 21	A	21 3/8"	14 3/4"	6 7/16"	3
U666C010			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U870G			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
T1010GRP/T2010GRP			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
T3010GRP/ T4010GRP			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4
T5010GRP			5 X 7	A	7 1/8"	5 3/4"	5 3/16"	4

Temp Power / Power Outlets

Enclosure Style & Cabinet Dimensions



Knockout Configurations



A= 1-1/2", 2", 2-1/2"
B= 1", 1-1/4", 1-1/2"

C= 1-1/4", 1-1/2", 2"
D= 3/4", 1", 1-1/4"

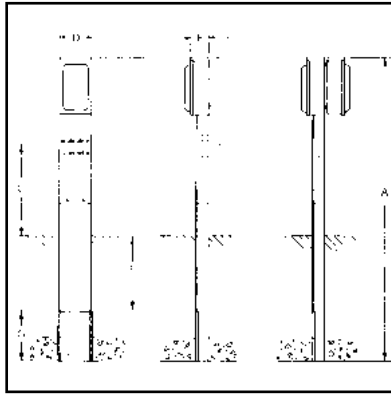
E= 3/4"
F= 1/2", 3/4"

G= 1/2", 3/4", 1"
H= 1/2", 3/4", 1", 1-1/4"

N= 1/2", 3/4", 1", 1-1/4", 1-1/2"
Q= 1"

Post Dimensions

6PT EARTH BURIAL

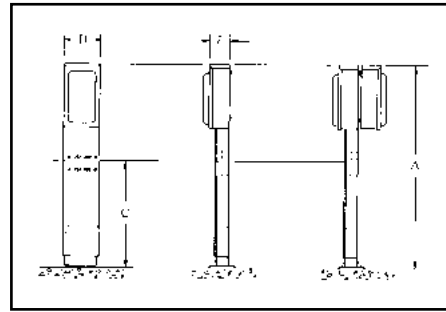


UNMETERED	
A	62"
C	19-3/4"
D	6-1/2"
E	3-1/4"
F	18"
G	6"

Single Head Post

Double Head Post
(Back-to-Back)

6PT PAD MOUNT



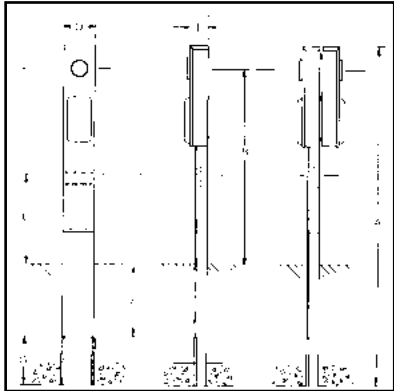
UNMETERED	
A	36"
C	17-3/4"
D	6-1/2"
E	3-3/4"

Single Head Post

Double Head Post
(Back-to-Back)

Temp Power / Power Outlets

9PT EARTH BURIAL



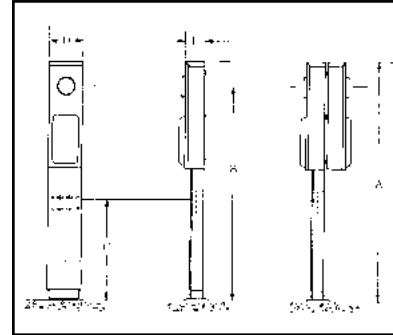
UNMETERED	METERED
A	64-1/2" 77-1/2"
B	--- 45-1/4"
C	19-1/8" 19-1/8"
D	9" 9"
E	3-1/4"* 3-1/4"*
F	18" 18"
G	6" 6"

* Some models available in 4-3/8".
Contact Distributor/Factory.

Single Head Post

Double Head Post
(Back-to-Back)

9PT PAD MOUNT



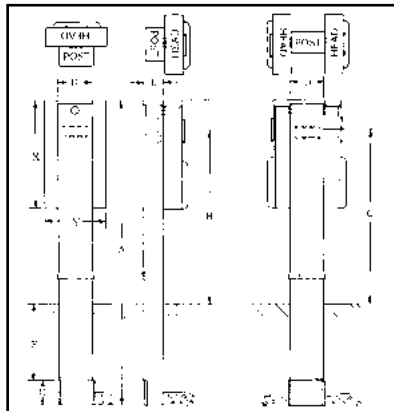
UNMETERED	METERED
A	41-1/8" 53-1/2"
B	--- 45-1/2"
C	19-3/4" 19-1/2"
D	9" 9"
E	3-1/4"* 3-1/4"*

* Some models available in 4-3/8".
Contact Distributor/Factory.

Single Head Post

Double Head Post
(Back-to-Back)

14PT EARTH BURIAL



UNMETERED	METERED
A	86" 86"
B	--- 50"
C	49-1/2" 49-1/2"
D	14" 14"
E	4-3/8" 4-3/8"
F	18" 18"
G	6" 6"

Single Head Post

Double Head Post
(Back-to-Back)

KEY

- A = Post Length
- B = Meter Center to Grade
- C = Terminal Bar to Grade
- D = Post Width
- E = Post Depth
- F = Grade to Wire Opening
- G = Wire Opening

5" X 7" ATTACHABLE POST

Fits any 5" x 7" power outlet
See page 118 for details

COLOR	POST DIMENSIONS (INCHES)			POST MODEL NUMBER	ACCESSORY KIT MODEL NUMBER
	HEIGHT	WIDTH	DEPTH		
GREY	17	5	3.2	M57POST24	M57PT24ACC*
GREY	28	5	3.2	M57POST24G1	M57PT24ACCG1**
GREY	41	5	3.2	M57POST36	M57PT36ACC**
GREEN	17	5	3.2	M57POST36G1	M57PT36ACCG1*
GREEN	29	5	3.2	M57POST48	M57PT48ACC**
GREEN	41	5	3.2	M57POST48G1	M57PT48ACCG1**

*Includes cord guard and pad mount stabilizer feet

**Includes cord hanger, cord guard and pad mount stabilizer feet

Wire Range Tables

TABLE AG

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	----	----	----	----
Neutra	14-4	14-4	14-4	14-4
Equ p. Grnd.	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	1-300 KCM L		1-300 KCM L	
Equ p. Grnd.	12-2	12-2	12-2	12-2

TABLE AH

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-2	12-8	12-2
Load	----	----	----	----
Neutra	14-4	14-4	14-4	14-4
Equ p. Grnd.	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	1-300 KCM L		1-300 KCM L	
Equ p. Grnd.	12-2	12-2	12-2	12-2

TABLE AJ

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-2	12-8	12-2
Load	----	----	----	----
Neutra End Hole	14-8	14-2	12-8	12-2
Neutra Side Hole	14-8	14-4	12-8	12-4
Equ p. Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	14-1/0		14-1/0	
Equ p. Grnd.	12-2	12-2	12-2	12-2

TABLE AK

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	----	----	----	----
Neutra	12-8	12-1/0	10-8	10-1/0
Neutra	14-8	14-4	12-8	12-4
Equ p. Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	6-350 KCMIL		6-350 KCMIL	
Equ p. Grnd.	12-2	12-2	12-2	12-2

TABLE AM

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-2	12-8	12-2
Load	----	----	----	----
Neutra End Hole	14-8	14-2	12-8	12-2
Neutra Side Hole	14-8	14-4	12-8	12-4
Equ p. Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	2-250		2-250	
Equ p. Grnd.	12-2	12-2	12-2	12-2

TABLE AQ

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	----	6-1/0	----	6-1/0
Load	----	----	----	----
Neutra	14-4	14-4	14-4	14-4
Equ p. Grnd.	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	1-300 KCM L		1-300 KCM L	
Equ p. Grnd.	12-2	12-2	12-2	12-2

TABLE AT

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	----	6-1/0	----	6-1/0
Load	----	----	----	----
Neutra	12-8	12-1/0	10-8	10-1/0
Neutra	14-8	14-4	12-8	12-4
Equ p. Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	6-350 KCMIL		6-350 KCMIL	
Equ p. Grnd.	12-2	12-2	12-2	12-2

TABLE AU

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	----	6-1/0	----	6-1/0
Load	----	----	----	----
Neutra	12-8	12-1/0	10-8	10-1/0
Neutra	14-8	14-4	12-8	12-4
Equ p. Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	2-250 KCMIL		2-250 KCMIL	
Equ p. Grnd.	12-2	12-2	12-2	12-2

Pool & Spa Panels



Application Information

Swim Power II Pool Panels by Midwest Electric offer an unprecedented degree of installation flexibility. The unique modular design allows you to use the time clock and circuit breakers of your choice, saving you time and money.

Features and Benefits

- Unit preconfigured to accept intermatic and tork time clocks
- High quality copper bus load center
- UL listed for use with Cutler-Hammer, GE, and Siemens circuit breakers
- Attractive tan enclosure, blending well with other pool equipment
- Padlock provision helps eliminate unauthorized access
- Extra knockouts for GFI's switches or outlets
- Reduces pool's cost by operating equipment only when needed
- UL listed



Pool & Spa Panels

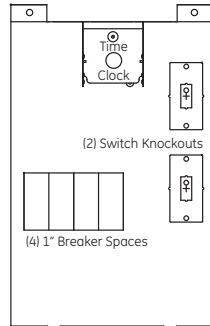
Model	#Switches	Time Clock	Load Center Details	Amps	Volts	Color	Std Pkg	cULus	Tech Data*
PP060T	KO Avail.	1 brkt	4 - 1" spaces	60	120/240	Tan	1	Y	A
PP125T	KO Avail.	1 brkt, 1 sp	8 - 1" spaces	125	120/240	Tan	1	Y	B
PP060TT01	KO Avail.	1-240 V, 5 HP, 24 Hr Clk	4 - 1" spaces	60	120/240	Tan	1	Y	A
PP060TT02	KO Avail.	1-240 V, 5 HP, 24 Hr Clk w/ Htr Ctoff	4 - 1" spaces	60	120/240	Tan	1	Y	A
PP125TT0001	KO Avail.	1-240 V, 5 HP, 24 Hr Clk, 1 brkt	8 - 1" spaces	125	120/240	Tan	1	Y	B
PP125TT0002	KO Avail.	1-240 V, 5 HP, 24 Hr Clk w/ Htr Ctoff, 1 brkt	8 - 1" spaces	125	120/240	Tan	1	Y	B

* Technical data and diagrams on following page.

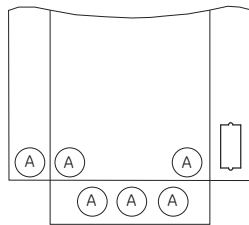
Technical Data

Diagram A

Model Details

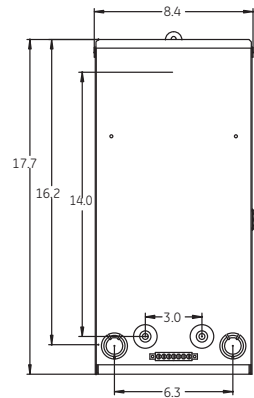


Knockout



A = 1/2", 3/4", 1"

Outline Drawing



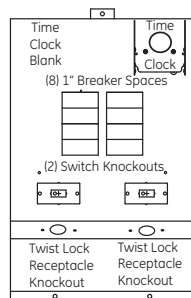
Wire Range Table

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-8	12-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Equip. Grd. - Small Hole	14-8	12-8	12-8	12-8
Equip. Grd. - Large Hole	14-4	10-4	12-4	10-4

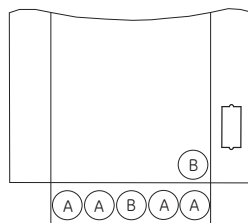
Pool & Spa Panels

Diagram B

Model Details

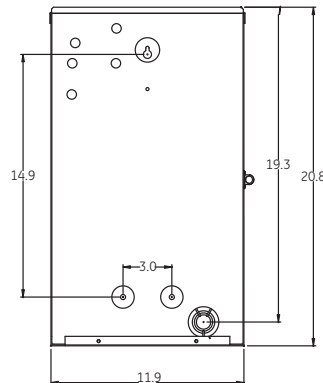


Knockout



A = 1/2", 3/4", 1"
B = 1/2", 3/4", 1", 1 1/2"

Outline Drawing



Wire Range Table

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	--	1-300	--	--
Neutral - Small Hole	14-6	14-6	14-6	14-6
Neutral - Large Hole	--	14-1/0	--	14-1/0
Equip. Grd. - Small Hole	14-8	14-4	12-10	12-4
Equip. Grd. - Large Hole	12-8	12-1/0	12-10	10-1/0

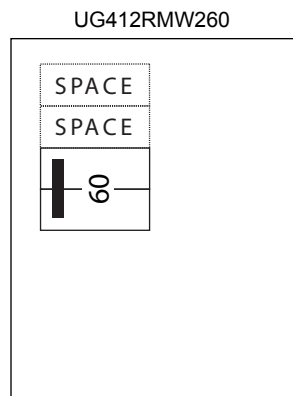
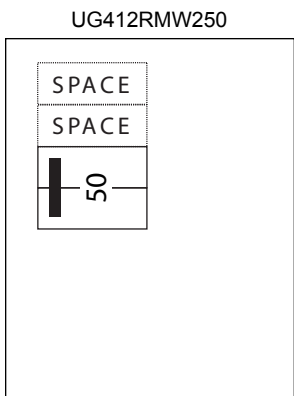
Application Information:

GFI disconnects provide a convenient, low-cost means, to satisfy National Electric Code (NEC) requirements for a GFI disconnect for spas, hot tubs, water heaters and swimming pools. The NEMA 3R design insures a safe, weather-tight installation for residential, light commercial, and even some industrial applications. Whether it's fused or nonfused, single phase or three phase, or with GFI protection, Midwest is your best choice for quality disconnects.

GFI Disconnect Spa Panels

Features and Benefits

- Save Costly Installation Time
- All Terminals Accept Copper or Aluminum Wire for Added Installation Flexibility
- Rated NEMA 3R - Outdoor Weatherproof Equipment
- Units are Rated 125 Amps
- Door has padlock provision to Prevent Unauthorized Access
- Includes Over Current Protection as Well as GFI Protection
- Additional Circuit Breaker Spaces Available in Each Model
- UL Listed

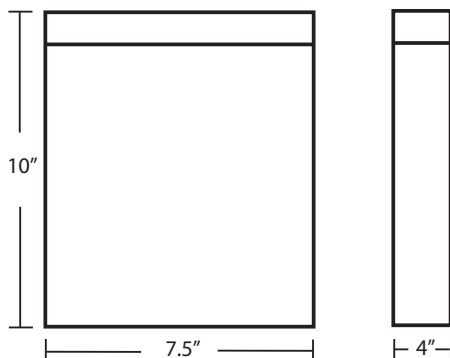


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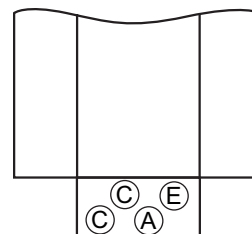
MODEL NUMBER	ENCLOSURE RATING	GFI PROTECTION	VOLTS	EXTRA BREAKER SPACES	LUG WIRE SIZE CU/AL	HUB PROVISION	UL
UG412RMW250	125 AMPS	50 AMPS	120/240	2 OR 4	6-2/0	Yes	Yes
UG412RMW260	125 AMPS	60 AMPS	120/240	2 OR 4	6-2/0	Yes	Yes

Unit includes the appropriate GFI Breaker

Cabinet Dimensions



Knockout Configuration



A= 1/2"
 C= 1/2", 3/4", 1"
 E= 3/4", 1-1/4", 1-1/2"



Metallic RV pg. 75



- Galvanized steel
- Surface mounts available
- Metered, unmetered, lighted, and TV/Tel available
- RV Equipment available factory assembled on a pad mount or earth-burial post for underground services
- 200-Amp Loop Feed lugs on pedestal units
- All components are factory wired and assembled, reducing installation time
- Single or Double-sided models available
- Padlock provision can prevent unauthorized entry
- UL listed

PARKMATE™ pg. 94



- Wide array of accessories: light, photoelectric sensor, telephone, cable TV connections, and electronic metering
- VALOX thermoplastic enclosure and internal components are corrosion resistant
- Post is galvanized or stainless steel
- Factory-wired power receptacles are available in 20, 30, or 50 Amp configurations, protected by thermal magnetic circuit breakers. Ground fault breakers are also available
- Surface, earth burial, or pad mount post available
- Single or Double-sided models available
- Pedestal features 350 MCM minimum loop feed lugs
- UL listed

PARKRANGER™ pg. 97



- Specific to pad mount
- Corrosion resistant Non-Metallic power pedestal
- Wide array of accessories: light, photoelectric sensor, telephone, cable TV connections, and electronic metering
- Factory wired power receptacles are available in 20, 30, 50, or 100 Amp configurations, protected by thermal magnetic circuit breakers. Ground fault breakers are also available
- Single or Double-sided models available
- Base module with loop feed terminal bar 350 MCM
- UL listed

Today, most recreational vehicle parks provide power for their tenants. This application presents unique requirements including user safety, rugged construction, weather protection, receptacle versatility, and attractiveness. Midwest Electric offers a complete line of power outlet products for RV Park applications including standard power outlets, post mounted units, and metered models for both surface and pedestal units.

The 2008 National Electric Code Requires:

406.8. Receptacles in Damp or Wet Locations. A 15- and 20-ampere, 125- and 250-volt nonlocking receptacles shall be listed weather-resistant.

406.11. Tamper Resistant Receptacles in Dwelling Units. In areas specified in 210.52, a 125-volt, 15- and 20-ampere, receptacles shall be listed tamper-resistant receptacles.

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 20 percent of a 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 Section 551.81. A minimum of 70 percent of a 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 a 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 with the recreational vehicle park.

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

Figure 551.46(c). Configurations for grounding-type receptacles and attachment plug caps used for recreational vehicle supply cords and recreational vehicle sites.

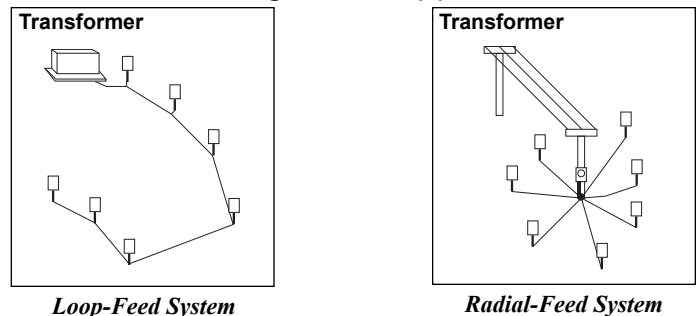
551.77(b). Disconnecting Means. A disconnecting switch or circuit breaker shall be provided in the site supply equipment for disconnecting the power supply to the recreational vehicle. Recreational Vehicle Parks are typically wired using either a loop-feed or radial-feed system as illustrated on this page.

The most popular, and generally most economical, is the loop-feed system where each feeder serves a single power outlet.

Midwest Electric offers a complete line of power outlets for recreational vehicle park application that meet the National Electrical Code: standard power outlets, post mounted power outlets (completely factory assembled and wired with loop-feed lugs in the post) and metered power outlets (ring-type and ringless). Also listed are surface mounted models with twin lugs per phase for overhead loop-feed systems.

Midwest offers both the traditional metallic equipment and the ParkMate and ParkRanger series of non-metallic thermoplastic units. Midwest has the unit for your unique application.

Figure 551.46(c)



RV Products

Features and Benefits

Rugged Durability

- All-In-One construction for factory assured terminations
- Rolled edge door for cord protection
- Heavy (16 gauge) galvanized zinc-coated steel with highest quality electro-deposition finish – resists corrosion and fading
- Welded flange NEMA 3R construction for lasting service in outdoor installations

Installation Ease

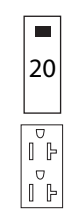

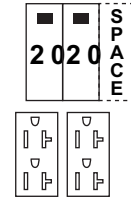
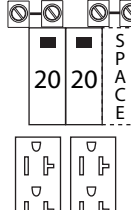

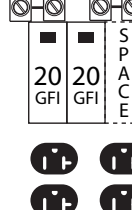
- All components are factory wired and assembled, reducing installation time
- Door has stay-open position for user convenience
- All terminals accept copper or aluminum wire for added installation flexibility
- Wide range of receptacle configurations
- Broad range of concentric knock-outs to accommodate wiring needs
- All units with 12-2 Cu/Al equipment ground lug
- 10,000 AIC

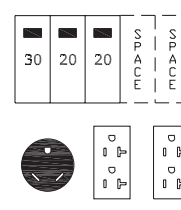


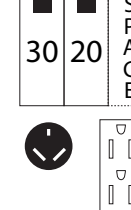
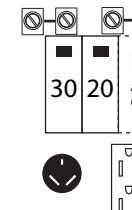
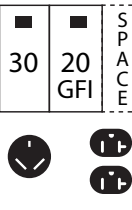
Posts

- Recreational vehicle park equipment available factory assembled on a pad mount or earth burial post for underground services.
- Factory wired from loop-feed lugs, located in the post to receptacles, reducing installation time
- 200 Amp Loop-feed lugs have twin 2-250 MCM terminals minimum per phase, Cu/Al (some models available up to 350 MCM)
- Rolled edge post bottoms to protect service cable
- Post door removable for installation ease

User Safety

- Listed by Underwriters Laboratories, a safety plus
- Padlock provision can prevent unauthorized entry
- Dead front construction prevents accidental contact with live parts
- GFCI Duplexes listed as Weather/Tamper Resistant

 <p>5-20R2GFCI</p>	 <p>5-20R2</p>	 <p>(2) 5-20R2GFCI</p>	 <p>(2) 5-20R2GFCI</p>	 <p>(2) 5-20R2</p>	 <p>(2) 5-20R2</p>
A U010C010	B U010G	C U011C010	D U011CTL010	E U011G	F U011GTL

 <p>R32U (2) 5-20R2GFCI</p>	 <p>R32U 5-20R2</p>	 <p>BR32U 5-20R2</p>	 <p>R32U 5-20R2GFCI</p>	 <p>BR32U 5-20R2GFCI</p>	 <p>R32U 5-20R2</p>
G U031C010	H U040G	I U040GTL	J U041C010	K U041CTL010	L U041G

RV Products

FIG.	UL	LUG TYPE	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
A	Y	STANDARD	U010C010	5 20R2GFC	CB120	20	120	B	6 X 9	Y		7	4
B	Y	STANDARD	U010G	5 20R2	GF 120	20	120	B	6 X 9	Y		7	4
C	Y	STANDARD	U011C010	(2) 5 20R2GFC	(2) CB120 SPACE CB120	70	120/240	P	6 X 14	Y	LC33N7	10	4
D	Y	LOOP FEED	U011CTL010	(2) 5 20R2GFC	(2) CB120 SPACE CB120	100	120/140	W	9 X 17	Y	LC33N1T	14	1
E	Y	STANDARD	U011G	(2) 5 20R2	(2) GF 120 SPACE CB120	70	120/240	P	6 X 14	Y	LC33N7	10	4
F	Y	LOOP FEED	U011GTL	(2) 5 20R2	(2) GF 120 SPACE CB120	100	120/240	W	9 X 17	Y	LC33N1T	14	1
G	Y	STANDARD	U031C010	R32U (2) 5 20R2GFC	CB130 (2) CB120 SPACE (2) CB120	100	120/240	AA	9 X 17	Y	LC55N1	16	1
H	Y	STANDARD	U040G	R32U 5 20R2	GF 130 GF 120 SPACE CB120	70	120/240	P	6 X 14	Y	LC33N7	10	4
I	Y	LOOP FEED	U040GTL	BR32U 5 20R2	GF 130 GF 120 SPACE CB120	100	120/240	W	9 X 17	Y	LC33N1T	14	1
J	Y	STANDARD	U041C010	R32U 5 20R2GFC	CB130 CB120 SPACE CB120	70	120/240	P	6 x 14	Y	LC33N7	10	4
K	Y	LOOP FEED	U041CTL010	BR32U 5 20R2GFC	CB130 CB120 SPACE CB120	100	120/240	W	9 x 17	Y	LC33N1T	14	1
L	Y	STANDARD	U041G	R32U 5 20R2	CB130 GF 120 SPACE CB120	70	120/240	P	6 x 14	Y	LC33N7	10	4

* Wire Range Table on page 92

A U041GTL	B U055C010	C U055G	D U074GTL	E U075CTL010	F U075GTL	G U076C010

H U131CTL010	I U355C010	J U355G	K U412G	L U611CTL010	M U611GTL	N U775C010

FIG.	UL	LUG TYPE	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
A	Y	LOOP FEED	U041GTL	BR32U, 5 20R2	CB130 GF 120 SPACE CB120	100	120/240	W	9 x 17	Y	LC33N1T	14	1
B	Y	STANDARD	U055C010	14 50R 5 20R2GFC	CB250 CB120	70	120/240	P	6 X 14	Y	LC33N7	10	4
C	Y	STANDARD	U055G	14 50R 5 20R2	CB250 GF 120	70	120/240	P	6 X 14	Y	LC33N7	10	4
D	Y	LOOP FEED	U074GTL	14 50R R32U 5 20R2	CB250 GF 130 GF 120 SPACE CB120	100	120/240	W	9 x 17	Y	LC55N1T	16	1
E	Y	LOOP FEED	U075CTL010	14 50R R32U 5 20R2GFC	CB250 CB130 CB120 SPACE CB120	100	120/240	W	9 x 17	Y	LC55N1T	16	1
F	Y	LOOP FEED	U075GTL	14 50R R32U 5 20R2	CB250 CB130 GF 120 SPACE CB120	100	120/240	W	9 x 17	Y	LC55N1T	16	1
G	Y	STANDARD	U076C010	14 50R (2) 5 20R2GFC	CB250 (2) CB120 SPACE CB120	100	120/240	U	9 x 17	Y	LC55N1	16	1
H	Y	LOOP FEED	U131CTL010	(2) 5 20R2GFC (2) BR32U	(2) CB120 (2) CB130 SPACE CB120	100	120/240	U	14 X 21	Y	LC55N1T	28	1
I	Y	STANDARD	U355C010	14 50R 5 20R2GFC	CB250 CB120 (2 SPACES 100A MAX)	100	120/240	U	9 X 17	Y	LC55N1	16	1
J	Y	STANDARD	U355G	14 50R 5 20R2	CB250 GF 120 (2 SPACES 100A MAX)	100	120/240	U	9 X 17	Y	LC55N1	15	1
K	Y	STANDARD	U412G	BR32U (2) 5 20R2	CB130 (2) GF 120	70	120/240	U	9 X 17	Y	LC33N1	16	1
L	Y	LOOP FEED	U611CTL010	(2) BR32U 5 20R2GFC	(2) CB130 CB120	80	120/240	W	9 X 17	Y	LC33N1T	16	1
M	Y	LOOP FEED	U611GTL	(2) BR32U 5 20R2	(2) CB130 GF 120	80	120/240	W	9 X 17	Y	LC33N1T	15	1
N	Y	STANDARD	U775C010	(2) 14 50R BR32U 5 20R2GFC	(2) CB250T CB130 CB120T	125	120/240	W	9 X 17	Y		15	1

* Wire Range Table on page 92

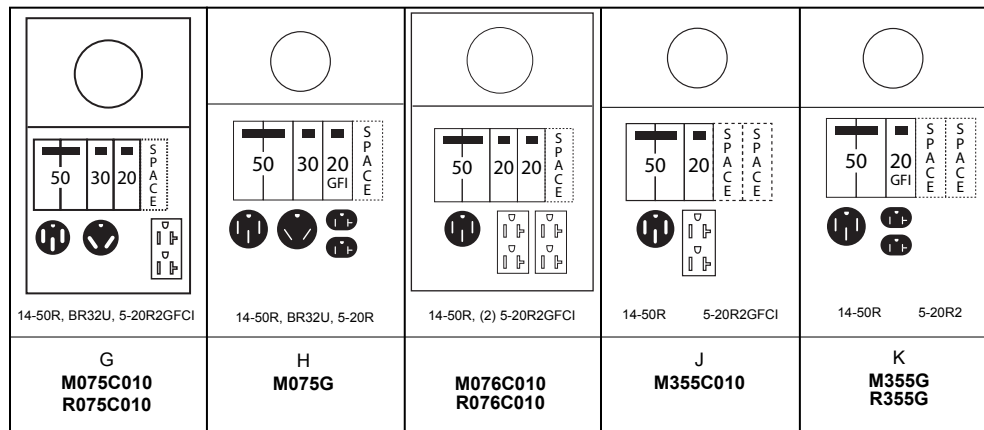
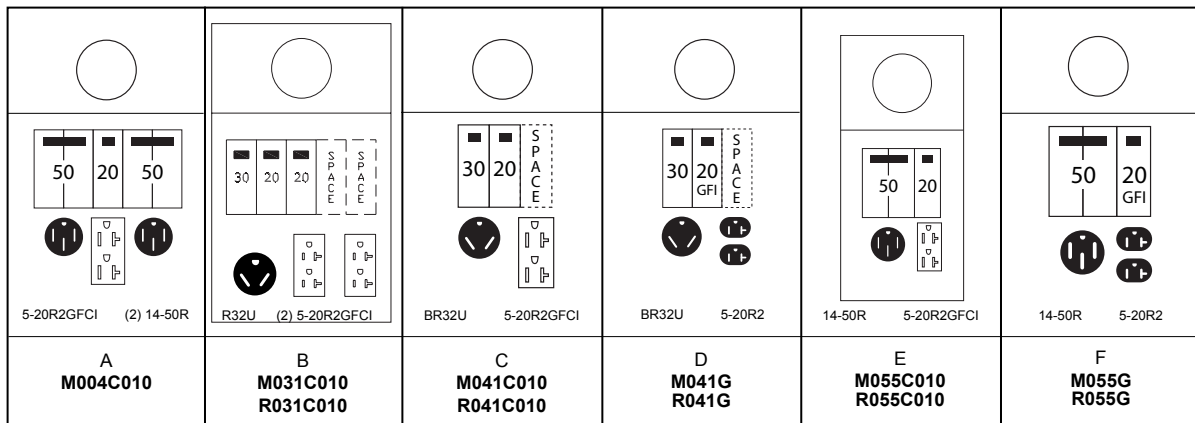


FIG.	UL	MODEL NUMBER		RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
		RING TYPE	RINGLESS										
A	Y	M004C010		5 20R2GFC (2) 14 50R	(2) CB250 CB120	120	120/240	AA	9 X 30	Y	LC55N1	26	1
B	Y	M031C010	R031C010	R32U (2) 5 20R2GFC	CB130 (2) CB120 (2) SPACE CB120	100	120/240	AA	9 X 30	Y	LC55N1	25	1
C	Y	M041C010	R041C010	BR32U 5 20R2GFC	CB130 CB120 SPACE CB120	100	120/240	AA	9 X 30	Y	LC33N1	24	1
D	Y	M041G	R041G	BR32U 5 20R2	CB130 GF 120 SPACE CB120	100	120/240	AA	9 X 30	Y	LC33N1	25	1
E	Y	M055C010	R055C010	14 50R 5 20R2GFC	CB250 CB120	70	120/240	AA	9 X 30	Y	LC33N1	25	1
F	Y	M055G	R055G	14 50R 5 20R2	CB250 GF 120	70	120/240	AA	9 X 30	Y	LC33N1	25	1
G	Y	M075C010	R075C010	14 50R BR32U 5 20R2GFC	CB250 CB130 CB120 SPACE CB120	100	120/240	AA	9 X 30	Y	LC55N1	25	1
H	Y	M075G		14 50R BR32U 5 20R2	CB250 CB130 GF 120 SPACE CB120	100	120/240	AA	9 X 30	Y	LC55N1	25	1
I	Y	M076C010	R076C010	14 50R (2) 5 20R2GFC	CB250 (2) CB120 SPACE CB120	90	120/240	AA	9 X 30	Y	LC55N1	26	1
J	Y	M355C010		14 50R 5 20R2GFC	CB250 CB120 (2) SPACE CB120	100	120/240	AA	9 X 30	Y	LC55N1	25	1
K	Y	M355G	R355G	14 50R 5 20R2	CB250 GF 120 (2)SPACE CB2100	100	120/240	AA	9 X 30	Y	LC55N1	25	1

* Wire Range Table on page 92

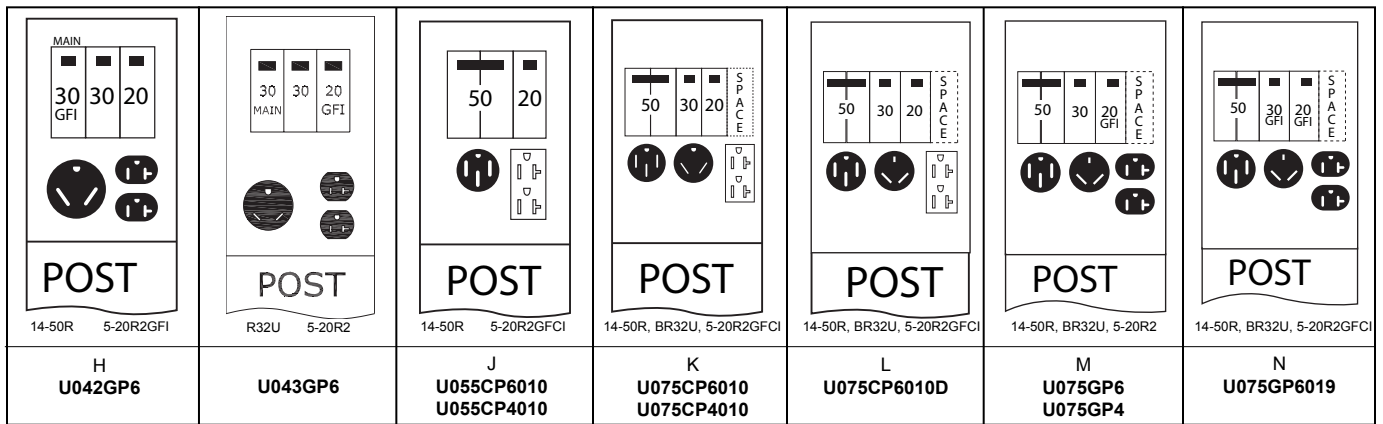
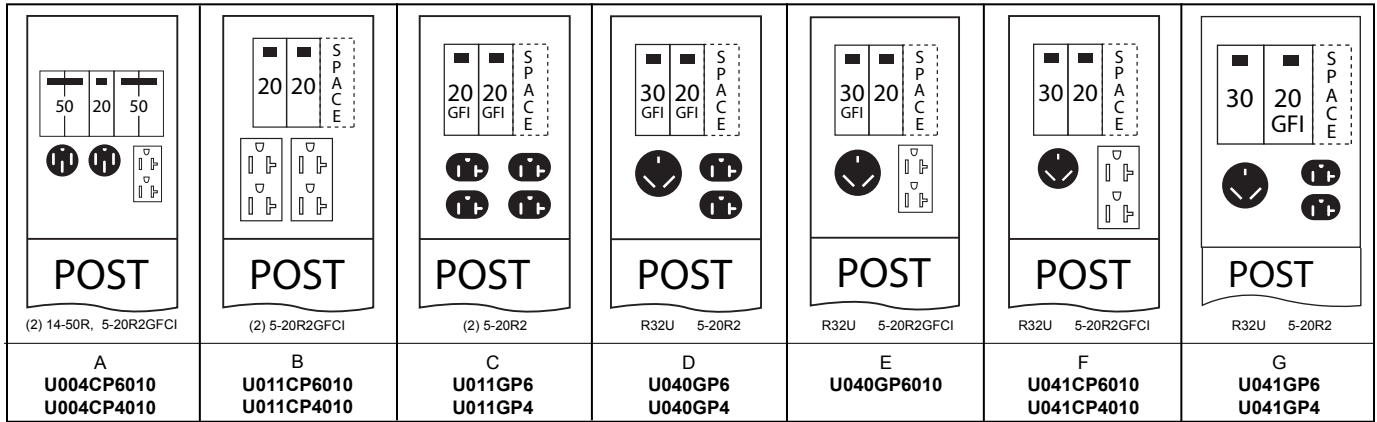


FIG.	UL	MODEL NUMBER		RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
		EARTH BURIAL	PAD MOUNT										
A	Y	U004CP6010	U004CP4010 %	(2) 14 50R 5 20R2GFC	(2) CB250 CB120	120	120/240	T2	9PT	N	LC55N1	47	1
B	Y	U011CP6010	U011CP4010	(2) 5 20R2GFC	(2) CB120 SPACE CB120	70	120/240	T2	6PT	N	LC33N7	32	1
C	Y	U011GP6	U011GP4	(2) 5 20R2	(2) GF 120 SPACE CB120	70	120/240	T2	6PT	N	LC33N7	32	1
D	Y	U040GP6	U040GP4	R32U 5 20R2	GF 130 GF 120 SPACE CB120	70	120/240	T2	9PT	N	LC33N7	32	1
E	Y	U040GP6010	-----	R32U 5 20R2GFC	GF 130 CB120 SPACE CB120	70	120/240	T2	9PT	N	LC33N7	32	1
F	Y	U041CP6010 % +	U041CP4010 % +	R32U 5 20R2GFC	CB130 CB120 SPACE CB120	70	120/240	T2	6PT	N	LC33N7	32	1
G	Y	U041GP6	U041GP4	R32U 5 20R2	CB130 GF 120 SPACE CB120	70	120/240	T2	6PT	N	LC33N7	32	1
H	Y	U042GP6		R32U 5 20R2	GF 130 MA N CB130 CB120	30	120	T2	6PT	N	LC33N7	32	1
I	Y	U043GP6		R32U 5 20R2	CB130 MA N CB130 GF 120	70	120/240	T2	6PT	N	LC33N7	32	1
J	Y	U055CP6010	U055CP4010	14 50R 5 20R2GFC	CB250 CB120	70	120/240	T2	6PT	N	LC33N7	32	1
K	Y	U075CP6010 %+	U075CP4010 %	14 50R BR32U 5 20R2GFC	CB250 CB130 CB120 SPACE CB120	100	120/240	T2	9PT	N	LC55N1	47	1
L	Y	U075CP6010D P+		14 50R BR32U 5 20R2GFC	CB250 CB130 CB120 SPACE CB120	100	120/240	T2	9PT	N	LC55N1	47	1
M	Y	U075GP6	U075GP4	14 50R BR32U 5 20R2	CB250 CB130 GF 120	100	120/240	T2	9PT	N	LC55N1	47	1
N	Y	U075GP6019		14 50R BR32U 5 20R2	CB250 GF 130 GF 120	100	120/240	T2	9PT	N	LC55N1	47	1

% Available with factory-installed TV/Telephone, replace "010" with "031"

Tv/Tel model diagrams on page 86

P Post depth dimension is non-standard (4-3/8")

* Wire Range Table on page 92

+ Available w/350 MCM loop lugs, replace "010" with "039"

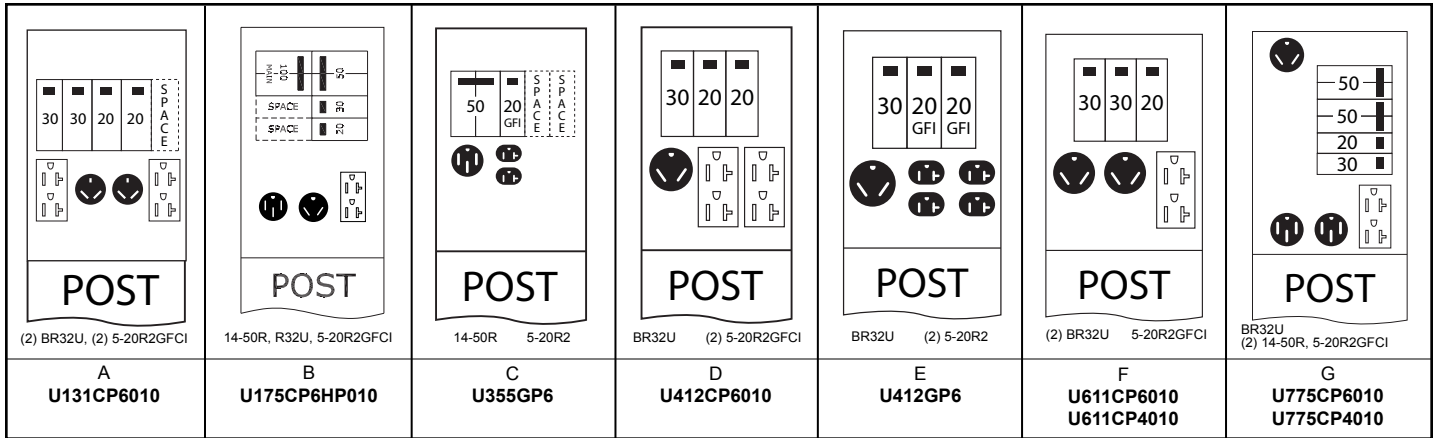


FIG.	UL	MODEL NUMBER		RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
		EARTH BURIAL	PAD MOUNT										
A	Y	U131CP6010		(2) BR32U (2) 5 20R2GFC	(2) CB130 (2) CB120 SPACE CB120	100	120/240	T2	14PT	N	LC55N1	47	1
B	Y	U175CP6HP010		14 50R BR32U 5 20R2GFC	CB2100 MA N CB250 CB130 CB120	100	120/240	W	14PT	N	198B8627G14	89	1
C	Y	U355GP6		14 50R 5 20R2	CB250 GF 120 (2)SPACE 100A MAX	100	120/240	T2	9PT	N	LC55N1	47	1
D	Y	U412CP6010		BR32U (2) 5 20R2GFC	CB130 (2) CB120	70	120/240	T2	9PT	N	LC33N1	47	1
E	Y	U412GP6		BR32U (2) 5 20R2	CB130 (2) GF 120	70	120/240	T2	9PT	N	LC33N1	51	1
F	Y	U611CP6010	U611CP4010	(2) BR32U 5 20R2GFC	(2) CB130 CB120	80	120/240	T2	9PT	N	LC33N1	47	1
G	Y	U775CP6010	U775CP4010	(2) 14 50R BR32U 5 20R2GFC	(2) CB250T CB130 CB120T	125	120/240	T2	9PT	N	265A6250G34	97	1

PLK50 Replacement deadfront kit with 50-Amp lockout feature for a U075- or M075-series units. Line Drawing on page 119. Consult Manufacturer for details.

3-Phase, Earth Burial

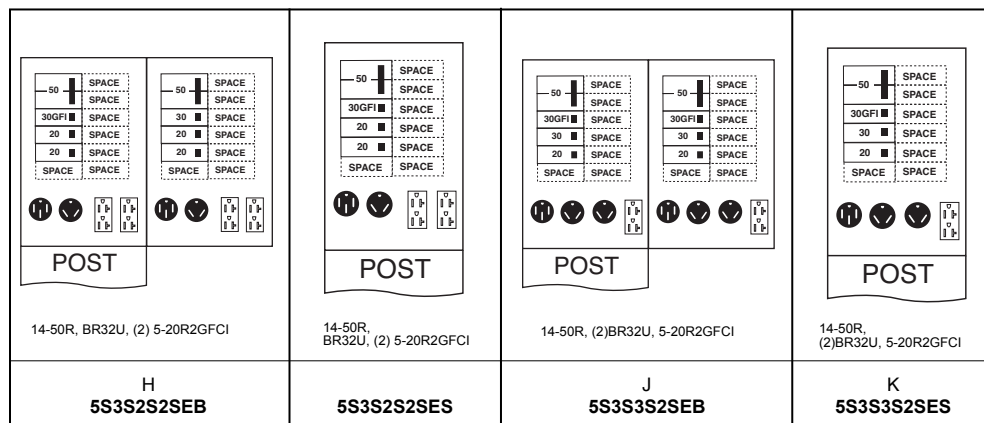
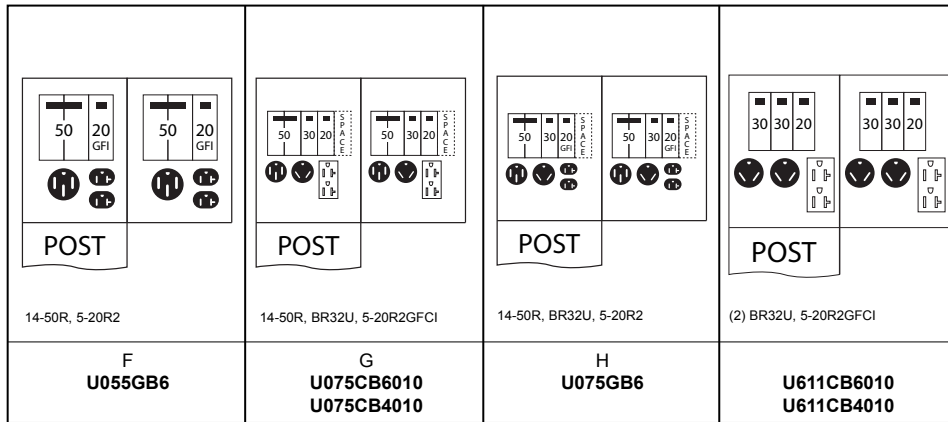
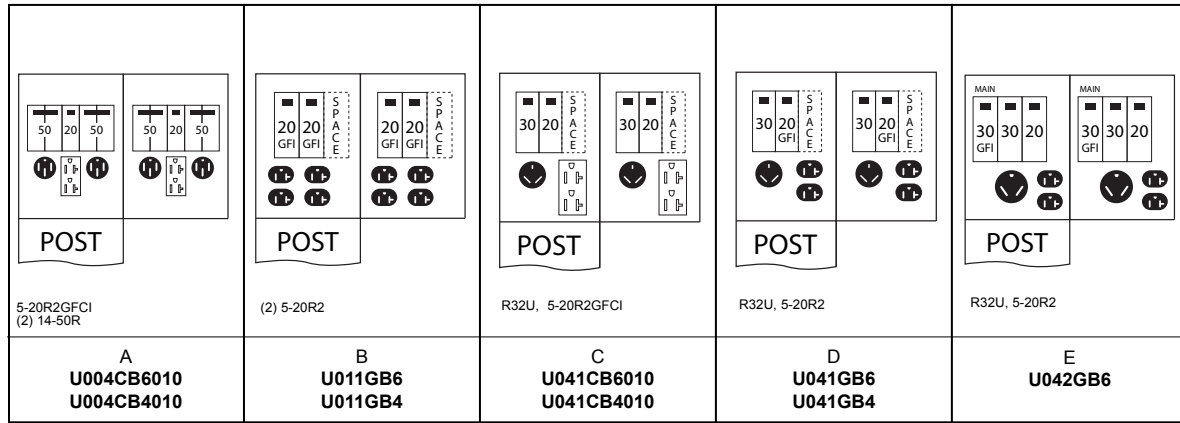


FIG.	UL	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	SIDES	AMP	VOLTS	WIRE RANGE**	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
H	Y	5S3S2S2SEB*	14 50R BR32U (2) 5 20R2GFC	CB250 GF 130 (2) CB120	2	125	120/208	**	14PT	N	3 P 4 W RE	**	1
I	Y	5S3S2S2SES*	14 50R BR32U (2) 5 20R2GFC	CB250 GF 130 (2) CB120	1	125	120/208	**	14PT	N	3 P 4 W RE	**	1
J	Y	5S3S3S2SEB*	14 50R (2) BR32U 5 20R2GFC	CB250 (2) GF 130 CB120	2	125	120/208	**	14PT	N	3 P 4 W RE	**	1
K	Y	5S3S3S2SES*	14 50R (2) BR32U 5 20R2GFC	CB250 (2) GF 130 CB120	1	125	120/208	**	14PT	N	3 P 4 W RE	**	1

* UL Listed for temporary power only

** Wire Range Table on page 92

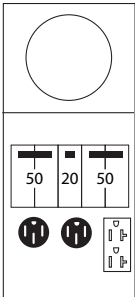
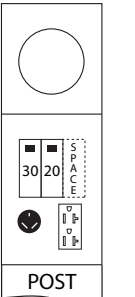
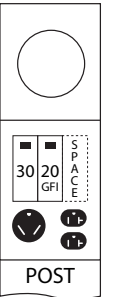
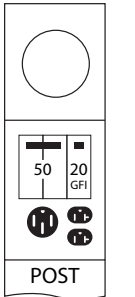
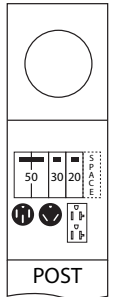
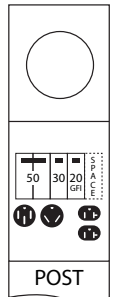
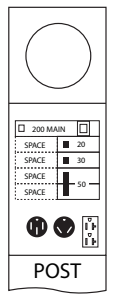


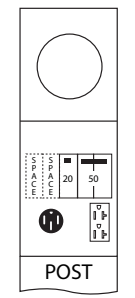
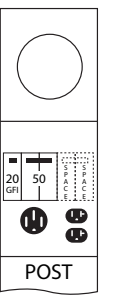
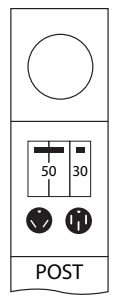
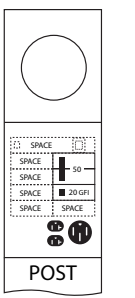
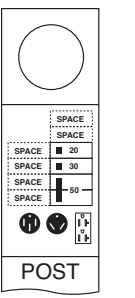
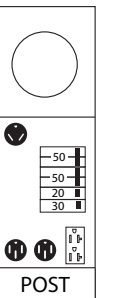
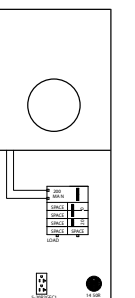
Back-to-Back

FIG.	UL	MODEL NUMBER		RECEPTACLES (PER SIDE)	CIRCUIT PROTECTION (PER SIDE)	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
		EARTH BURIAL	PAD MOUNT										
A	Y	U004CB6010	U004CB4010	(2) 14 50R 5 20R2GFC	(2) CB250 CB120	120	120/240	S	9PT	N	LC55N1	62	1
B	Y	U011GB6	U011GB4	(2) 5 20R2	(2) GF 120 SPACE CB120	70	120/240	T2	6PT	N	LC33N7	47	1
C	Y	U041CB6010	U041CB4010	R32U 5 20R2GFC	CB130 CB120 SPACE CB120	70	120/240	T2	6PT	N	LC33N7	47	1
D	Y	U041GB6	U041GB4	R32U 5 20R2	CB130 GF 120 SPACE CB120	70	120/240	T2	6PT	N	LC33N7	47	1
E	Y	U042GB6		R32U 5 20R2	GF 130 MA N (2) CB120	30	120	T2	6PT	N	LC33N7	47	1
F	Y	U055GB6		14 50R 5 20R2	CB250 GF 120	70	120/240	T2	6PT	N	LC33N7	47	1
G	Y	U075CB6010 %	U075CB4010 %	14 50R BR32U 5 20R2GFC	CB250 CB130 CB120 SPACE CB120	100	120/240	S	9PT	N	LC55N1	62	1
H	Y	U075GB6		14 50R BR32U 5 20R2	CB250 CB130 GF 120 SPACE CB120	100	120/240	S	9PT	N	LC55N1	62	1
I	Y	U611CB6010	U611CB4010	(2) BR32U 5 20R2GFC	(2) CB130 CB120	80	120/240	T2	9PT	N	LC33N1	62	1

% Available with added factory-installed TV/Telephone. Replace "010" with "031" See page 86

* Wire Range Table on page 92

 (2) 14-50R, 5-20R2GFCI	 BR32U, 5-20R2GFCI	 BR32U, 5-20R2	 14-50R 5-20R2	 14-50R, BR32U, 5-20R2GFCI	 14-50R, BR32U, 5-20R2	 14-50R, BR32U, 5-20R2GFCI
A M004CP6010	B M041CP6010 R041CP6010	C M041GP6 R041GP6	D M055GP6	E M075CP6010 R075CP6010	F M075GP6 R075GP6	G M275CP6010 M275CP6010G1

 14-50R, 5-20R2GFCI	 14-50R, 5-20R2	 R32U, 14-50R	 14-50R, 5-20R2	 14-50R, BR32U, 5-20R2GFCI	 BR32U, (2)14-50R, 5-20R2GFCI	 14-50R
H M355CP6010 R355CP6010	I M355GP6 R355GP6	J M358CP6	K M655GP6	L M675CP6010	M M775CP6010	N R255CP6010

Earth Burial

FIG.	UL	MODEL NUMBER		RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
		RING TYPE	RINGLESS										
A	Y	M004CP6010		(2) 14 50R 5 20R2GFC	(2) CB250 CB120	120	120/240	T2	9PT	N	LC55N1	48	1
B	Y	M041CP6010	R041CP6010	BR32U 5 20R2GFC	CB130 CB120 SPACE CB120	100	120/240	T2	9PT	N	LC33N1	53	1
C	Y	M041GP6	R041GP6	BR32U, 5 20R2	CB130 GF 120 SPACE CB120	100	120/240	T2	9PT	N	LC33N1	59	1
D	Y	M055GP6		14 50R 5 20R2 14 50R	CB250 GF 120 CB250 CB130	70	120/240	T2	9PT	N	LC33N1	59	1
E	Y	M075CP6010%+	R075CP6010 %	BR32U 5 20RGFC 14 50R	CB120 SPACE CB120 CB250 CB130	100	120/240	T2	9PT	N	LC55N1	59	1
F	Y	M075GP6	R075GP6	BR32U 5 20R2	GF 120 SPACE CB120	100	120/240	T2	9PT	N	LC55N1	59	1
G	Y	M275CP6010 1		14 50R BR32U 5 20R2GFC	CB2200B MA N CB250 CB130 CB120	200	120/240	BX	14PT	N	LC1212PC	*	1
H	Y	M355CP6010	R355CP6010 %	14 50R 5 20R2GFC	CB250, CB120 (2) SPACE	100	120/240	T2	9PT	Y	LC55N1	59	1
I	Y	M355GP6 &	R355GP6	14 50R 5 20R2	CB250, GF 120 SPACE CB2100	100	120/240	T2	9PT	N	LC55N1	59	1
J	Y	M358CP6		R32U 14 50R	CB250 CB130	100	120/240	T2	9PT	N	LC55N1	53	1
K	Y	M655GP6		14 50R 5 20R2	CB250 GF 120 SPACE CB2200B SPACE (5) CB120 200A MAX	200	120/240	T2	14PT	N	LC1212PC	89	1
L	Y	M675CP6010 1		14 50R BR32U 5 20R2GFC	CB250 CB130 CB120	200	120/240	BY	14PT	N	LC1212PC	*	1
M	Y	M775CP6010		(2)14 50R BR32U 5 20R2GFC	(2) CB250T CB130 CB120T	125	120/240	T2	9PT	N		59	1
N	N		R255CP6010	14 50R 5 20RGFC	CB2200B CB250 CB120	200	120/240	S	14PT	Y	LC1212PC	88	1

% Available with factory-installed TV/Telephone in post. Replace "010" with "031"

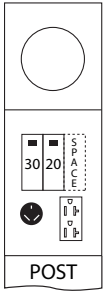
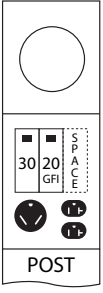
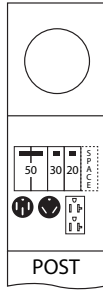
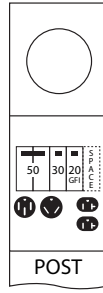
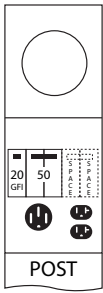
+ Available with 350 MCM loop lugs. Replace "010" with "039"

1 Available in green paint - Order as M275CP6010G1, M675CP6010G1

& Available with Penta-head kit installed, 9" or 14" post. Order as M355GP6028. Consult Manufacturer.

* Wire Range Table on page 92

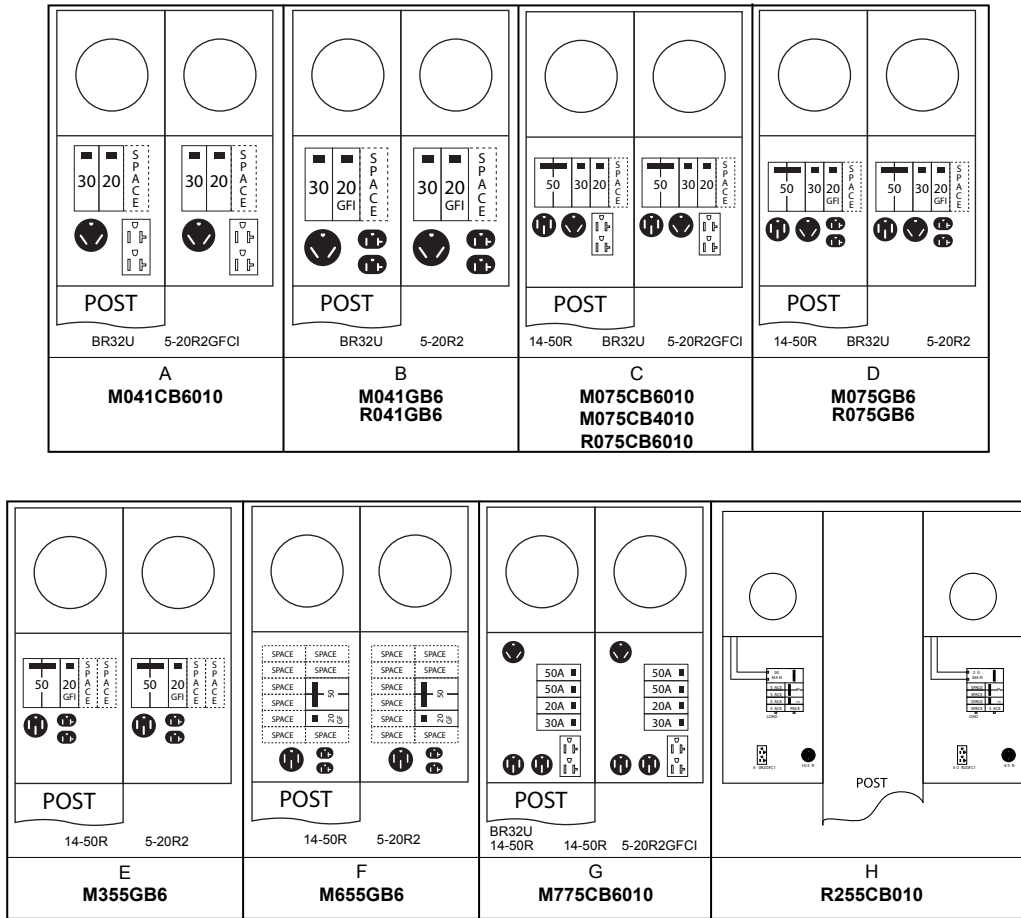
Data subject to change without notice.

 <p>BR32U 5-20R2</p> <p>A M041CP4010</p>	 <p>BR32U, 5-20R2GFCI</p> <p>B M041GP4</p>	 <p>14-50R, BR32U, 5-20R2GFCI</p> <p>C M075CP4010 R075CP4010</p>	 <p>14-50R, R32U, 5-20R2</p> <p>D M075GP4</p>	 <p>14-50R, 5-20R2</p> <p>E M355GP4</p>
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Pad Mount

FIG	UL	MODEL NUMBER		RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
		RING TYPE	RINGLESS										
A	Y	M041CP4010		BR32U 5 20R2GFC	CB130 CB120 SPACE CB120	100	120/240	T2	9PT	N	LC33N1	53	1
B	Y	M041GP4		BR32U 5 20R2	CB130 GF 120	100	120/240	T2	9PT	N	LC33N1	59	1
C	Y	M075CP4010	R075CP4010	14 50R BR32U 5 20RGFC	CB250 CB130 CB120 SPACE CB120	100	120/240	T2	9PT	N	LC55N1	59	1
D	Y	M075GP4		14 50R BR32U 5 20R2	CB250 CB130 GF 120 SPACE CB120	100	120/240	T2	9PT	N	LC55N1	59	1
E	Y	M355GP4		14 50R 5 20R2	CB250 GF 120 SPACE CB2100	100	120/240	T2	9PT	N	LC55N1	59	1

* Wire Range Table on page 92



RV Products

Back-to-Back Earth Burial

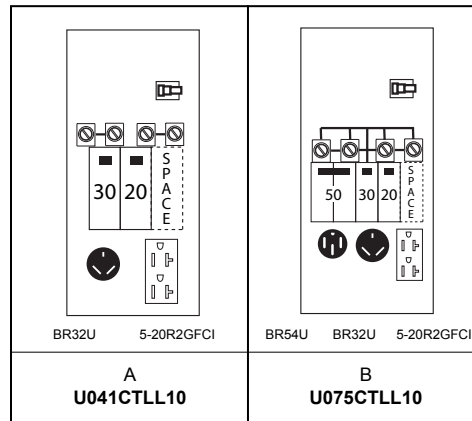
FIG.	UL	MODEL NUMBER		RECEPTACLES (PER SIDE)	CIRCUIT PROTECTION (PER SIDE)	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
		RING TYPE	RINGLESS										
A	Y	M041CB6010		BR32U 5 20R2GFC	CB130 CB120 SPACE CB120	100	120/240	S	9PT	N	LC33N1	82	1
B	Y	M041GB6	R041GB6	BR32U 5 20R2	CB130 GF 120 SPACE CB120	100	120/240	S	9PT	N	LC33N1	82	1
C	Y	M075CB6010 %	R075CB6010	14 50R BR32U 5 20R2GFC	CB250 CB130 CB120 SPACE CB120	100	120/240	S	9PT	N	LC55N1	82	1
D	Y	M075GB6	R075GB6	14 50R BR32U 5 20R2	CB250 CB130 GF 120 SPACE CB120	100	120/240	S	9PT	N	LC55N1	82	1
E	Y	M355GB6		14 50R 5 20R2	CB250 GF 120 (2) SPACE CB2100	100	120/240	S	9PT	N	LC55N1	82	1
F	Y	M655GB6		14 50R 5 20R2	CB250 GF 120 (9) SPACE CB120	200	120/240	S	14PT	N	LC1212PC N1200A4	80	1
G	Y	M775CB6010		(2) 14 50R BR32U 5 20R2GFC	(2) CB250T CB130 CB120T	125	120/240	S	9PT	N		82	1
	N		R255CB6010	14 50R	CB2200B CB250 CB120	200	120/240	S	14PT	Y	LC12122PC	101	1

Pad Mount

C	Y	M075CB4010		14 50R BR32U 5 20R2GFC	CB250 CB130 CB120 SPACE CB120	100	120/240	S	9PT	N	LC55N1	82	1
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% Available with factory-installed TV/Telephone in post. Replace "010" with "031".

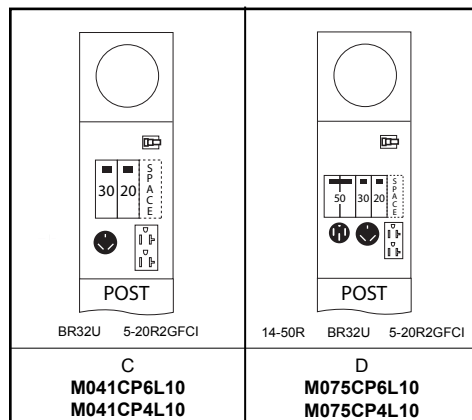
* Wire Range Table on page 92



Surface - Unmetered

FIG.	UL	LUG TYPE	MODEL NUMBER	RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
A	Y	LOOP FEED	U041CTLL10	BR32U 5 20R2GFC	CB130 CB120	100	120/240	W	9 X 17	N	LC33N1T	14	1
B	Y	LOOP FEED	U075CTLL10	BR54U BR32U 5 20R2GFC	CB250 CB130 SPACE CB120	100	120/240	W	9 x 17	N	LC55N1T	16	1

RV Products



Pedestal - Metered

FIG.	UL	MODEL NUMBER		RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
		EARTH BURIAL	PAD MOUNT										
C	Y	M041CP6L10	M041CP4L10 %	BR32U 5 20R2GFC	CB130 CB120 SPACE CB120	100	120/240	T2	9PT	Y	LC33N1	50	1
D	Y	M075CP6L10 %+	M075CP4L10 %	14 50R BR32U 5 20R2GFC	CB250 CB130 CB120 SPACE CB120	100	120/240	T2	9PT	Y	LC55N1	59	1

+ Available with 350 MCM lug, replace "L10" with "L39"

% Available with factory-installed TV/Telephone, replace "L10" with "L31"

* Wire Range Table on page 92

= Light Socket Assembly

Pedestal - Unmetered

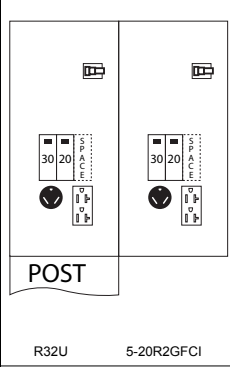
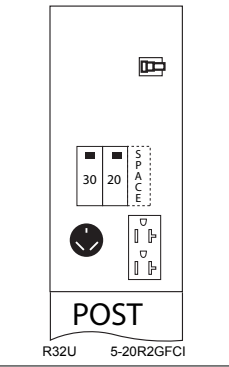
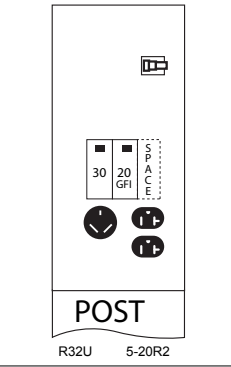
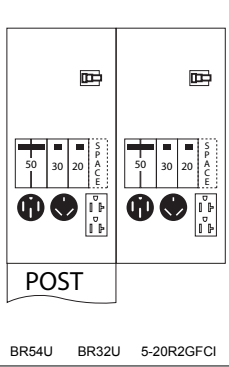
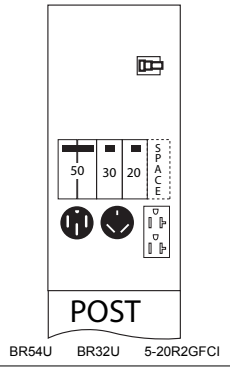
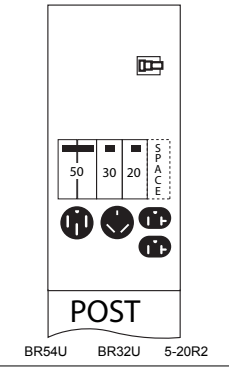
					
R32U 5-20R2GFCI	R32U 5-20R2GFCI	R32U 5-20R2	BR54U BR32U 5-20R2GFCI	BR54U BR32U 5-20R2GFCI	BR54U BR32U 5-20R2
A U041CB6L10 U041CB4L10	B U041CP6L10 U041CP4L10	C U041GP6L U041GP4L	D U075CB6L10 U075CB4L10	E U075CP6L10 U075CP4L10	F U075GP6L U075GP4L

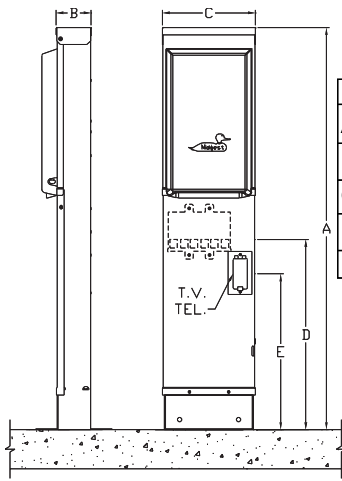
FIG.	UL	MODEL NUMBER		RECEPTACLES	CIRCUIT PROTECTION	AMP	VOLTS	WIRE RANGE*	CABINET SIZE	HUB OPENING	LOAD & NEUTRAL BAR	UNIT WT.	STD. PKG.
		EARTH BURIAL	PAD MOUNT										
A	Y	U041CB6L10	U041CB4L10	R32U 5 20R2GFC	CB130 CB120 SPACE CB120	70	120/240	T2	6PT	N	LC33N1	42	1
B	Y	U041CP6L10	U041CP4L10	R32U 5 20R2GFC	CB130 CB120 SPACE CB120	70	120/240	T2	6PT	N	LC33N1	30	1
C	Y	U041GP6L	U041GP4L	R32U 5 20R2 BR54U	CB130 GF 120 SPACE CB120 CB250 CB130	70	120/240	T2	6PT	N	LC33N1	30	1
D	Y	U075CB6L10	U075CB4L10	BR32U 5 20R2GFC BR54U	CB120 SPACE CB120 CB250 CB130	100	120/240	S	9PT	N	LC55N1	62	1
E	Y	U075CP6L10 %	U075CP4L10 %	BR32U 5 20R2GFC	CB120 SPACE CB120	100	120/240	T2	9PT	N	LC55N1	36	1
F	Y	U075GP6L	U075GP4L	BR54U BR32U 5 20R2	CB250 CB130 GF 120 SPACE CB120	100	120/240	T2	9PT	N	LC55N1	62	1

% Available with factory-installed TV/Telephone, replace "L10" with "L31"

* Wire Range Table on page 92

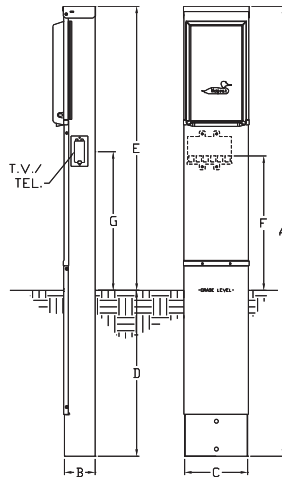
 = Light Socket Assembly

RV Products



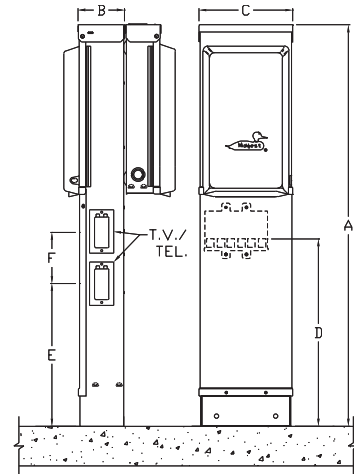
Unmetered	
A	41 1/8"
B	3 1/8"
C	9"
D	19 1/2"
E	16"

U004CP4031- see pg 78



Unmetered	
A	65 1/8"
B	4 1/2"
C	9"
D	24"
E	41 1/8"
F	19 1/2"
G	20"

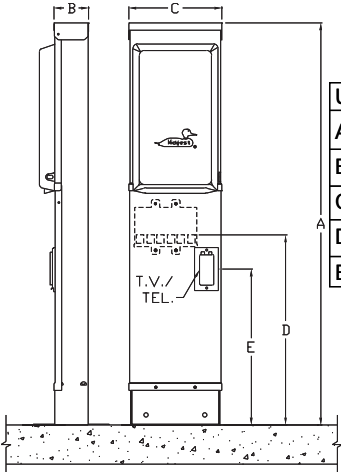
U041CP6031- see pg 78



Unmetered	
A	40 1/2"
B	4 1/2"
C	9"
D	19"
E	14 1/2"
F	5 1/4"

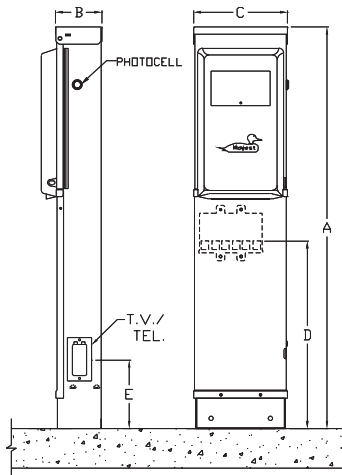
U075CB4031- see pg 80

RV Products



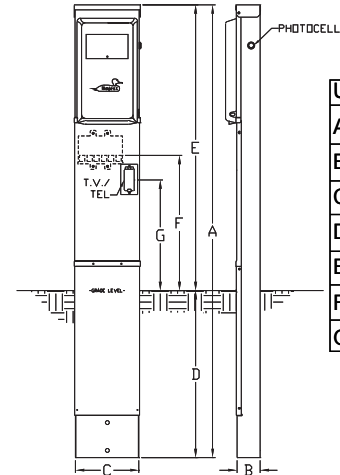
Unmetered	
A	41 1/8"
B	3 3/8"
C	9"
D	19 1/2"
E	16"

U075CP4031- see pg 78



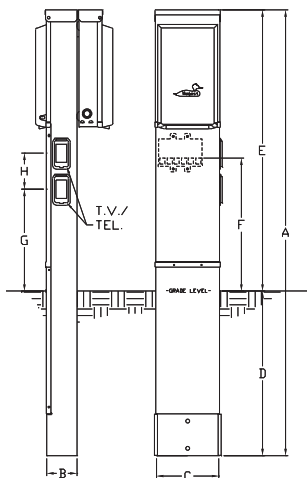
Unmetered	
A	40 1/2"
B	4 1/2"
C	9"
D	19"
E	7"

U075CP4L31- see pg 85



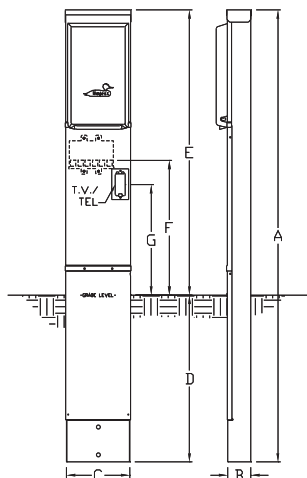
Unmetered	
A	65 1/8"
B	3 3/8"
C	9"
D	24"
E	41 1/8"
F	19 1/2"
G	16"

U075CP6L31- see pg 85



Unmetered	
A	65 1/8"
B	4 1/2"
C	9"
D	24"
E	41 1/8"
F	19 1/2"
G	15"
H	5 1/4"

U075CB6031- see pg 80



Unmetered	
A	65 1/8"
B	3 3/8"
C	9"
D	24"
E	41 1/8"
F	19 1/2"
G	16"

U075CP6031- see pg 78

Flip-Cover for TV/Tel is standard with padlock provision.

MODEL NUMBER	REPLACEMENT PARTS		CABINET SIZE pages 90 91	ENCLOSURE STYLE page 90	CABINET DIMENSIONS **			KNOCKOUT FIGURE page 90
	METER * SOCKET	POST LUGS			HEIGHT	WIDTH	DEPTH	
					A	B	C	
5S3S2S2SEB		LT100B350	14PT					
5S3S2S2SES		LT100S250	14PT					
5S3S3S2SEB		LT100B350	14PT					
5S3S3S2SES		LT100S250	14PT					
M004C010	MSM100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
M004CP6010	MSM100P9	LT100S300	9PT					
M031C010	MSM100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
M041C010	MSM100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
M041CB6010	A	LT100B350	9PT					
M041CP4010	MSM100P9	LT100S300	9PT					
M041CP4L10	MSM100P9	LT100S250	9PT					
M041CP4L31	MSM100P9	LT100S300	9PT					
M041CP6010	MSM100P9	LT100S300	9PT					
M041CP6L10	MSM100P9	LT100S250	9PT					
M041G	MSM100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
M041GB6	A	LT100B350	9PT					
M041GP4	MSM100P9	LT100S250	9PT					
M041GP6	MSM100P9	LT100S300	9PT					
M055C010	MSM100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
M055G	MSM100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
M055GP6	MSM100P9	LT100S250	9PT					
M075C010	MSM100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
M075CB4010	A	LT100B350	9PT					
M075CB6010	A	LT100B350	9PT					
M075CB6031	A	LT100B350	9PT					
M075CP4010	MSM100P9	LT100S300	9PT					
M075CP4L10	MSM100P9	LT100S300	9PT					
M075CP4L31	MSM100P9	LT100S300	9PT					
M075CP6010	MSM100P9	LT100S300	9PT					
M075CP6031	MSM100P9	LT100S300	9PT					
M075CP6L10	MSM100P9	LT100S300	9PT					
M075CP6L31	MSM100P9	LT100S300	9PT					
M075CP6L39	MSM100P9	LT100S350	9PT					
M075G	MSM100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
M075GB6	A	LT100B350	9PT					
M075GP4	MSM100P9	LT100S250	9PT					
M075GP6	MSM100P9	LT100S250	9PT					
M076C010	MSM100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
M275CP6010/G1	*	LT200S350	14PT					
M355C010	MSM100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
M355CP6010	MSM100P9	LT100S300	9PT					
M355G	MSM100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
M355GB6	A	LT100B350	9PT					
M355GP4	MSM100P9	LT100S300	9PT					
M355GP6	MSM100P9	LT100S300	9PT					
M355GP6028	MSM100P9	LT100S250	9PT					
M358CP6	MSM100P9	LT100B350	9PT					
M655GB6	MW200M	LT200B350	14PT					
M655GP6	MW200M	LT200S350	14PT					
M675CP6010/G1	*	LT200S350	14PT					
M775CB6010	A	LT100B350	9PT					
M775CP6010	MSM100P9	LT100S250	9PT					
R031C010	MSR100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
R041C010	MSR100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
R041CP6010	MSR100P9	LT100S300	9PT					

A Front (Inline Side) MSM100P9, Back (Powerhead side) MSM100HP
 B Front (Inline Side) MSR100P9, Back (Powerhead side) MSR100HP
 * Contact Manufacturer.

** For Post Cabinet Sizes and Dimensions see page 91

Data subject to change without notice.

MODEL NUMBER	REPLACEMENT PARTS		CABINET SIZE pages 90 91	ENCLOSURE STYLE page 90	CABINET DIMENSIONS **			KNOCKOUT FIGURE page 90
	METER SOCKET	POST LUGS			HEIGHT	WIDTH	DEPTH	
					A	B	C	
R041G	MSR100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
R041GB6	B	LT100B350	9PT					
R041GP6	MSR100P9	LT100S250	9PT					
R055C010	MSR100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
R055G	MSR100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
R075C010	MSR100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
R075CB6010	MSR100P9	LT100B350	9PT					
R075CP4010	MSR100P9	LT100S250	9PT					
R075CP6010	MSR100P9	LT100S300	9PT					
R075CP6031	MSR100P9	LT100S300	9PT					
R075GB6	B	LT100B350	9PT					
R075GP6	MSR100P9		9PT					
R076C010	MSR100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
R355CP6010	MSR100P9		9PT					
R355CP6031	MSR100P9		9PT					
R355G	MSR100930		9 X 30	B	30"	9 3/4"	5 3/16"	2
R355GP6	MSR100P9		9PT					
U004CB4010		LT100B350	9PT					
U004CB6010		LT100B350	9PT					
U004CP4010		LT100S250	9PT					
U004CP4031		LT100S300	9PT					
U004CP6010		LT100S300	9PT					
U010C010			6 X 9	A	9 1/8"	7 1/4"	5 3/16"	1
U010G			6 X 9	A	9 1/8"	7 1/4"	5 3/16"	1
U011C010			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1
U011CP4010		LT100S300	6PT					
U011CP6010		LT100S300	6PT					
U011CTL010			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U011G			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1
U011GB4		LT100B250	6PT					
U011GB6		LT100B250	6PT					
U011GP4		LT100S250	6PT					
U011GP6		LT100S300	6PT					
U011GTL			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U031C010			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U040G			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1
U040GP4		LT100S250	6PT					
U040GP6		LT100S300	6PT					
U040GP6010		LT100S250	6PT					
U040GTL			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U041C010			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1
U041CB4010		LT100B250	6PT					
U041CB4L10		LT100B250	6PT					
U041CB6010			6PT					
U041CB6L10		LT100B250	6PT					
U041CP4010		LT100S250	6PT					
U041CP4031		LT100S250	6PT					
U041CP4039		LT100S350	6PT					
U041CP4L10		LT100S250	6PT					
U041CP6010		LT100S300	6PT					
U041CP6031		LT100S250	6PT					
U041CP6039		LT100S350	6PT					
U041CP6L10		LT100S300	6PT					
U041CTL010			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U041CTLL10			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U041G			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1
U041GB4		LT100B250	6PT					

B - Front (nline Side) MSR100P9 Back (Powerhead side) MSR100 P

** For Post Cabinet Sizes and Dimensions see page 91

MODEL NUMBER	REPLACEMENT PARTS		CABINET SIZE pages 90 91	ENCLOSURE STYLE page 90	CABINET DIMENSIONS **			KNOCKOUT FIGURE page 90
	METER SOCKET	POST LUGS			HEIGHT	WIDTH	DEPTH	
					A	B	C	
U041GB6		LT100B250	6PT					
U041GP4		LT100S300	6PT					
U041GP4L		LT100S250	6PT					
U041GP6		LT100S300	6PT					
U041GP6L		LT100S250	6PT					
U041GTL			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U042GB6		LT100B250	6PT					
U042GP6		LT100S300	6PT					
U043GP6		LT100S250	6PT					
U055C010			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1
U055CP4010		LT100S300	6PT					
U055CP6010		LT100S300	6PT					
U055G			6 X 14	A	14 3/8"	7 1/4"	5 3/16"	1
U055GB6		LT100B250	6PT					
U075CB4010		LT100B350	9PT					
U075CB4031		LT100B350	9PT					
U075CB4L10		LT100B350	9PT					
U075CB6010		LT100B350	9PT					
U075CB6031		LT100B350	9PT					
U075CB6L10		LT100B350	9PT					
U075CP4010		LT100S300	9PT					
U075CP4031		LT100S300	9PT					
U075CP4L10		LT100S300	9PT					
U075CP4L31		LT100S250	9PT					
U075CP6010		LT100S300	9PT					
U075CP6010D		LT100S250	9PT					
U075CP6031		LT100S300	9PT					
U075CP6039		LT100S350	9PT					
U075CP6039D			9PT					
U075CP6L10		LT100S300	9PT					
U075CP6L31		LT100S300	9PT					
U075CTL010			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U075CTLL10			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U075GB6		LT100B350	9PT					
U075GP4		LT100S300	9PT					
U075GP4L		LT100S250	9PT					
U075GP6		LT100S300	9PT					
U075GP6019		LT100S250	9PT					
U075GP6L		LT100S300	9PT					
U075GTL			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U076C010			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U131CP6010		LT100S250	14PT					
U131CTL010			14 X 21	A	21 3/8"	14 3/4"	6 7/16"	3
U175CP6HP010			14PT					
U355C010			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U355G			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U355GP6		LT100S250	9PT					
U412CP6010		LT100S300	9PT					
U412G			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U412GP6		LT100S300	9PT					
U611CB4010		LT100B250	9PT					
U611CB6010		LT100B250	9PT					
U611CP4010		LT100S250	9PT					
U611CP6010		LT100S300	9PT					
U611CTL010			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U611GTL			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U775C010			9 X 17	A	17 3/8"	9 3/4"	5 3/16"	2
U775CP4010		LT100S300	9PT					
U775CP6010		LT100S250	9PT					

RV Products

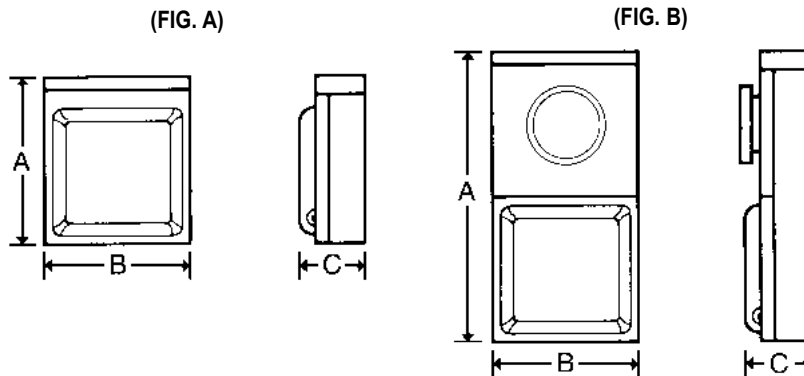
** For Post Cabinet Sizes and Dimensions see page 91

Data subject to change without notice.

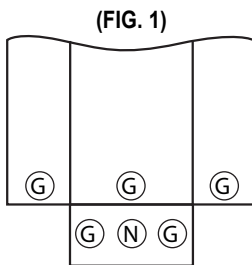
RV Power Outlets - Cabinet Dimensions

CABINET SIZE	ENCLOSURE STYLE	A	B	C	KO DETAIL
6x9	Fig. A	9-1/8"	7-1/4"	5-3/16"	Fig. 1
6x14	Fig. A	14-3/8"	7-1/4"	5-3/16"	Fig. 1
9x17	Fig. A	17-3/8"	9-3/4"	5-3/16"	Fig. 2
9x30	Fig. B	30"	9-3/4"	5-3/16"	Fig. 2
14x21	Fig. A	21-3/8"	14-3/4"	6-7/16"	Fig. 3

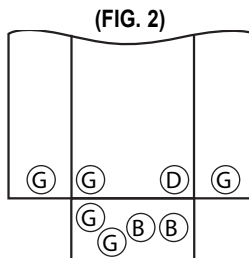
Enclosure Style



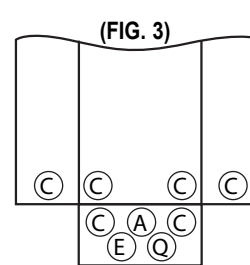
Knockout Configurations



A= 1-1/2", 2", 2-1/2"
 B= 1", 1-1/4", 1-1/2"
 C= 1-1/4", 1-1/2", 2"



D= 3/4", 1", 1-1/4"
 E= 3/4"
 G= 1/2", 3/4", 1"

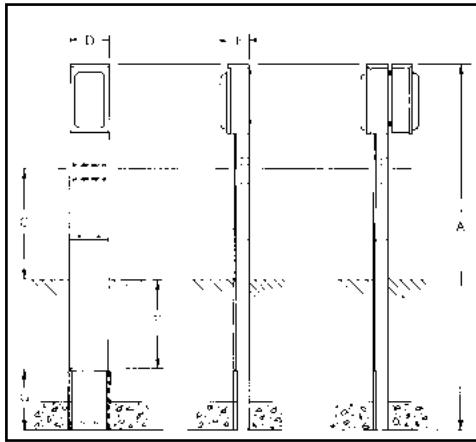


N= 1/2", 3/4", 1", 1-1/4", 1-1/2"
 Q= 1"
 W= 1/2", 3/4", 1", 1-1/4", 2"

Post Dimensions



6PT EARTH BURIAL

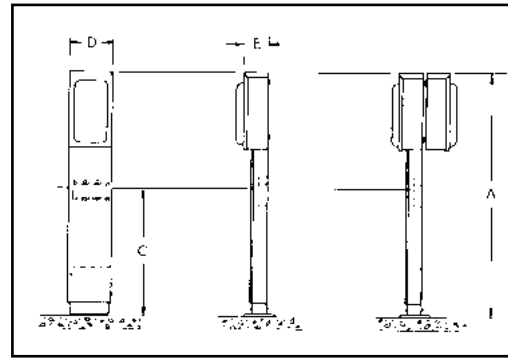


UNMETERED	
A	62"
C	19-3/4"
D	6-1/2"
E	3-1/4"
F	18"
G	6"

Single lead Post

Double lead Post
(Back to Back)

6PT PAD MOUNT

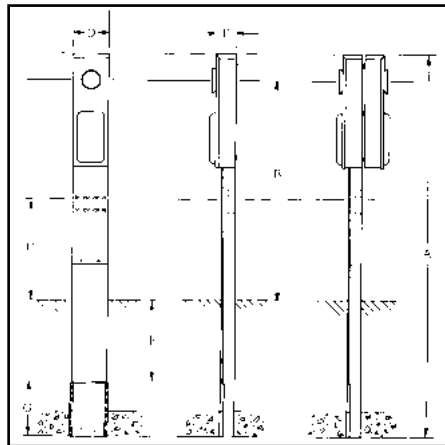


UNMETERED	
A	36"
C	17-3/4"
D	6-1/2"
E	3-3/4"

Single lead Post

Double lead Post
(Back to Back)

9PT EARTH BURIAL



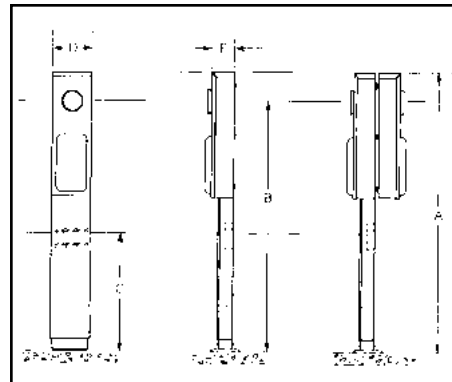
UNMETERED	METERED
A	65" 77-1/2"
B	--- 45-1/4"
C	19-1/8" 19-1/8"
D	9" 9"
E	3-1/2"* 3-1/2"*
F	18" 18"
G	6" 6"

* Some models available in 4-3/8".
Contact Distributor/Factory.

Single lead Post

Double lead Post
(Back to Back)

9PT PAD MOUNT



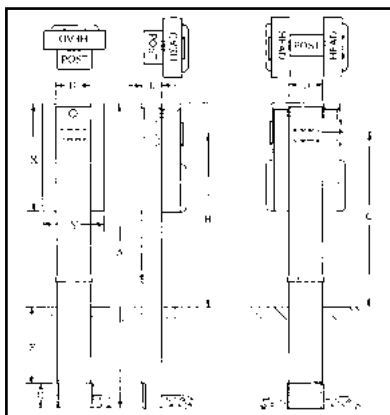
UNMETERED	METERED
A	41-1/8" 53-1/2"
B	--- 45-1/2"
C	19-3/4" 19-1/2"
D	9" 9"
E	3-1/2"* 3-1/2"*

* Some models available
in 4-3/8". Contact
Distributor/Factory.

Single lead Post

Double lead Post
(Back to Back)

14PT EARTH BURIAL



UNMETERED	METERED
A	83-1/2" 86"
B	--- 50"
C	49-1/2" 49-1/2"
D	9" 9"
E	3-1/2"* 3-1/2"*
F	18" 18"
G	6" 6"

* Some models available in 4-3/8".
Contact Distributor/Factory.

Single lead Post

Double lead Post
(Back to Back)

KEY

- A = Post Length
- B = Meter Center to Grade
- C = Terminal Bar to Grade
- D = Post Width
- E = Post Depth
- F = Grade to Wire Opening
- G = Wire Opening

RV Products

TABLE B

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-6	12-8	12-6
Load	14-10	14-10	----	----
Neutral	12-8	12-6	12-8	12-6
Equip. Grnd.	12-8	12-2	12-8	12-2

TABLE P

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	14-10	14-10	----	----
Neutral <small>END HOLE</small>	14-8	14-2	12-8	12-2
Neutral <small>SIDE HOLE</small>	14-8	14-4	12-8	12-4
Equip. Grnd.	12-8	12-2	12-8	12-2

TABLE U

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	14-10	14-10	----	----
Neutral <small>LARGE HOLE</small>	12-8	12-1/0	10-8	10-1/0
Neutral <small>SMALL HOLE</small>	14-8	14-4	12-8	12-4
Equip. Grnd.	12-8	12-2	12-8	12-2

TABLE W

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line - Loop Feed	14-8	14-1/0	12-8	12-1/0
Load	14-8	14-10	----	----
Neutral <small>LARGE HOLE</small>	12-8	12-1/0	10-8	10-1/0
Neutral <small>SMALL HOLE</small>	14-8	14-4	12-8	12-4
Equip. Grnd.	12-8	12-2	12-8	12-2

TABLE S

Post Line Connectors Suitable for Loop Feed #6-350 KCMIL CU/AL	
Equip. Grnd.	#12-2 CU/AL

TABLE T2

Post Line Connectors Suitable for Loop Feed #1-300 KCMIL CU/AL	
Equip. Grnd.	#12-2 CU/AL

TABLE AA

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	----	6-1/0	----	6-1/0
Load	14-10	14-10	----	----
Neutral <small>LARGE HOLE</small>	12-8	12-1/0	10-8	10-1/0
Neutral <small>SMALL HOLE</small>	14-8	14-4	12-8	12-4
Equip. Grnd.	12-8	12-2	12-8	12-2

TABLE AR

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	14-1/0	14-1/0	----	----
Load	14-10	14-10	----	----
Neutral	----	----	----	----
Equip. Grnd.	12-8	12-2	----	----

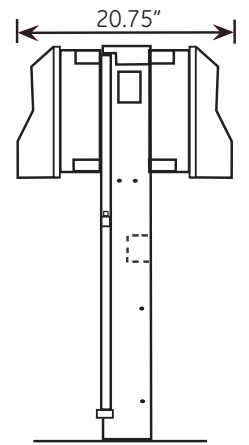
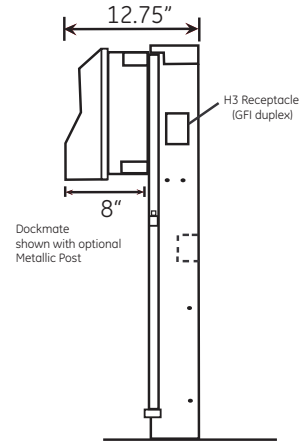
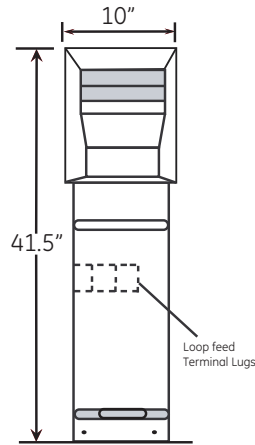
TABLE BX

Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line -Mtr Socket	----	1/0-250	----	1/0-250
Load -Plug/Duplex	14-10	14-10	----	----
Load -CB Base Lugs	----	1/0-4/0	----	1/0-4/0
Neutra	----	2-250	----	2-250
Neutra	14-8	14-1/0	12-8	12-1/0
Neutra	14-8	10-4	----	6-4
Neutra	14-8	12-8	12-8	12-8
Equ p. Grnd.	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	6-350 KCMIL		6-350 KCMIL	

TABLE BY

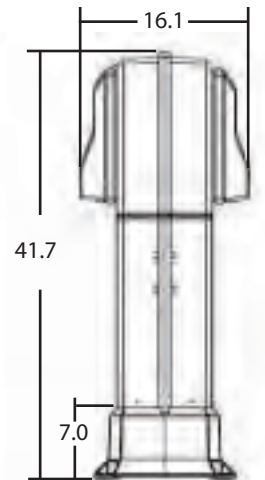
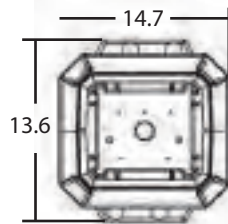
Connector	Copper		Aluminum	
	So d	Strand	So d	Strand
Line	----	1/0-250	----	1/0-250
Load	14-10	14-10	----	----
Neutra	----	2-250	----	2-250
Neutra	14-8	14-1/0	12-8	12-1/0
Neutra	14-8	10-4	----	12-8
Neutra	14-8	12-8	12-8	12-8
Equ p. Grnd.	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	6-350 KCMIL		6-350 KCMIL	

ParkMate™



Double Head Post (Back to Back)

ParkRanger™



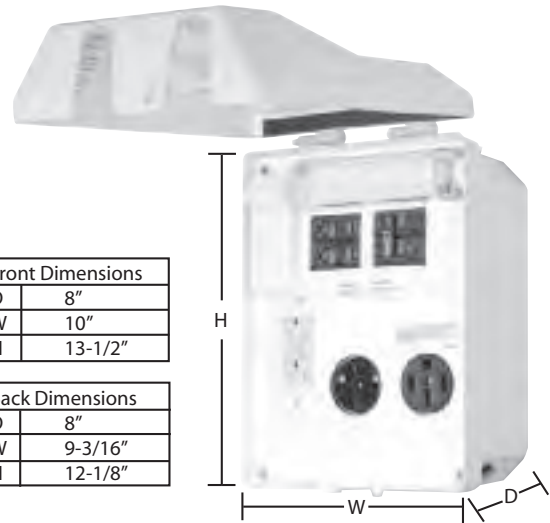
ParkMate™ RV Power Centers represent the latest in technology and design, combining appearance and functionality. Now, campground owners can select an attractive power center that combines all the features RVers request.

ParkMate™ is excellent for surface mount and post applications, offering a wide array of accessories including: light, photoelectric sensor, telephone, cable T.V. connections and electric metering. All this in one attractive package - now that makes sense!

ParkMate™ is injection molded from VALOX® engineered thermoplastic resin. VALOX® resin is a lightweight, impact and corrosion resistant material, designed to provide long, maintenance free service.

ParkMate™ RV Power Centers are rugged, convenient and attractive. Manufactured in the quality tradition of Midwest Electric Products, Inc.

VKKJHCQT

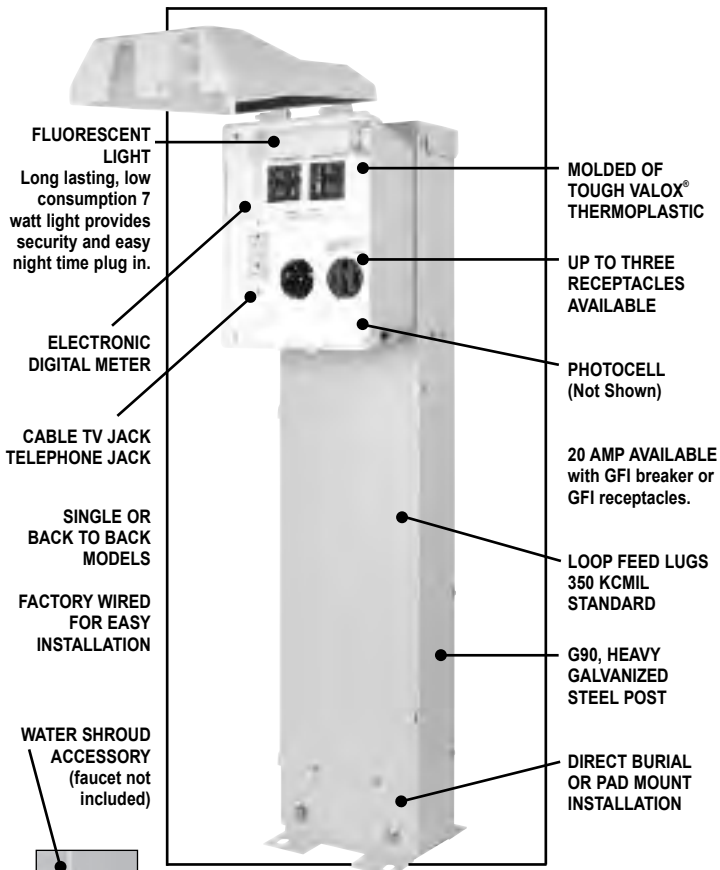


Interior view of the head

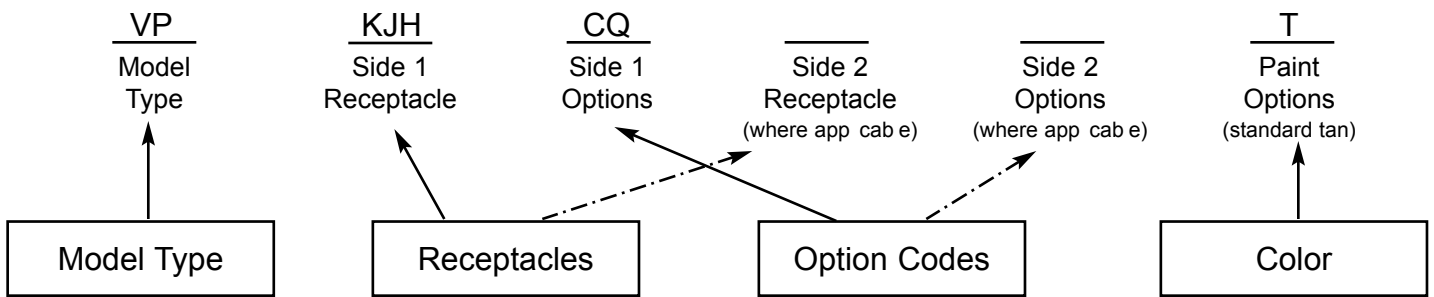
Features and Benefits

- 4-circuit load center installed (LC44X1)
- Service Entrance rated and Listed by Underwriters Laboratories
- VALOX® thermoplastic enclosure and internal components are corrosion resistant
- Factory wired power receptacles are available in 20 amp, 30 amp, or 50 amp configurations protected by thermal magnetic circuit breakers. Ground Fault breakers are also available
- Hinged cover closes over plugs and cords, maintaining a safe, weather tight enclosure
- Easy to wire terminals accept up to 1/0 Cu/Al cable
- Post features 350 KCMIL loop-feed lugs
- Optional 7 watt fluorescent light illuminates receptacle for easy nighttime plug-in, while providing security lighting and easy identification of power center location. Light circuits protected by a 20 Amp circuit breaker. Light cover molded of LEXAN® polycarbonate
- Photoelectric sensor automatically turns light on and off
- Telephone and cable TV jack accessory kits mount easily in power center, giving your installation a neat and uncluttered appearance. Telephone jacks are PH6596 corrosion resistant outlets. Cable TV jacks are suitable for type RG-59 coax cable (RJ11).
- Electrical rating of 100 amp max., 120/240 volt, 1Ø-3 wire with ground
- Hinged cover has a positive latch with padlocking provisions
- Post dimensions are 62"H (38" above grade) x 9"W x 3-1/4"D or 4-3/8" D
- Optional loop feed lug kit (VLOOP) available for Parkmate not on a post
- ParkMate, post, and water shroud are tan in color
- Standard 200A/350KCMIL lugs installed in Pedestal mode.
- Amp Rating – 200 Amp on back-to-back; 100 Amp on single.
- Galvanized post is type G90-16 gauge
- Stainless post is type 304L-16 gauge

NOTE: Metered units for use in California require special testing and certification. Contact Manufacturer for information.



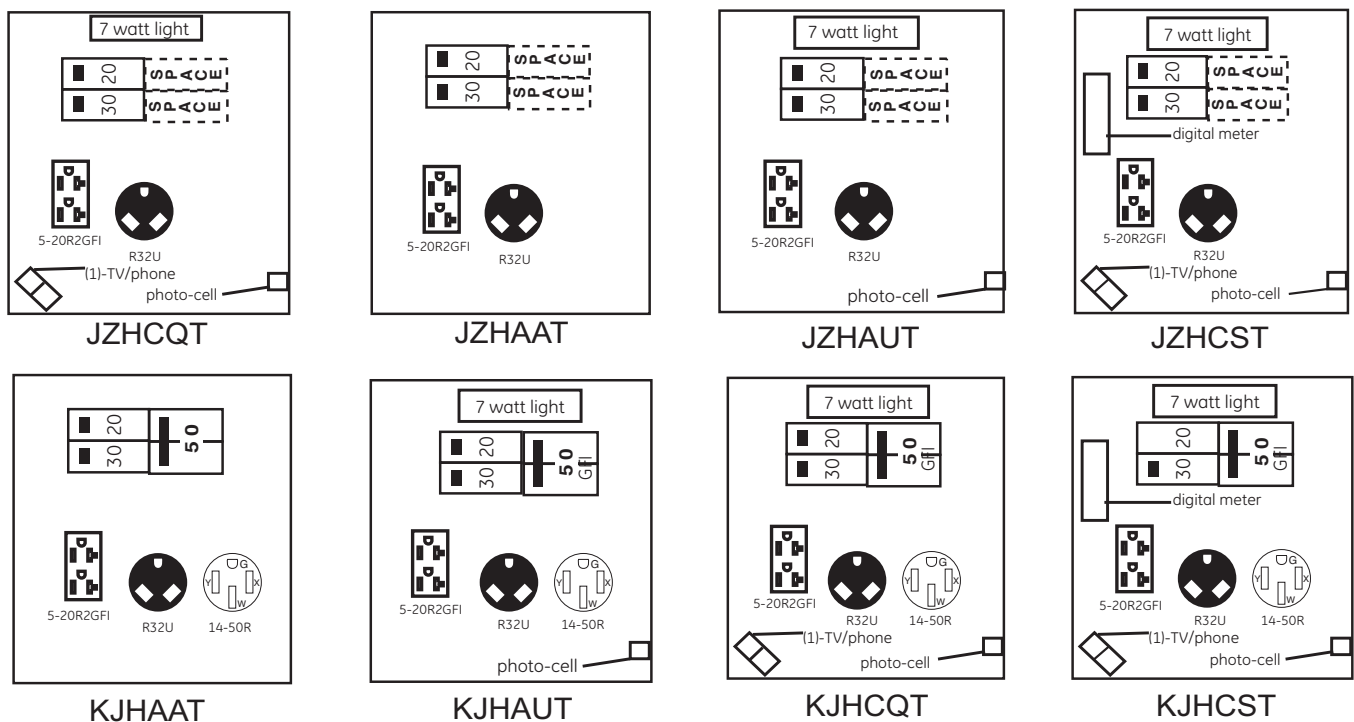
Example: Model Number VPKJHCQT



Most Common Models - Single Sided**

ParkMate Model	Receptacle Configuration	"AA"	"AQ"	"AU"	"CQ"	"AC"	"CS"
		No Options	7 watt light	7 watt light & photocell	7 watt light, photocell & 1 TV/Tel	Metered Only	Metered, 7 watt light, photocell, 1 TV/Tel
Choose Specific Model <small>*model # pre ix not shown</small>	20A/20A	ZHHAAT	ZHHAQT	ZHHAUT	ZHHCQT	ZHHAQT	ZHHCST
	30A/20A	JZHAAT	JZHAQT	JZHAUT	JZHCQT	JZHACT	JZHCST
	50A/20A	KZHAAT	KZHAQT	KZHAUT	KZHCQT	KZHACT	KZHCST
	30A/30A/20A	JJHAAT	JJHAQT	JJHAUT	JJHCQT	JJHACT	JJHCST
	50A/30A/20A	KJHAAT	KJHAQT	KJHAUT	KJHCQT	KJHACT	KJHCST

Wiring Diagrams



STEP 1:

Choose Unit Type (2 characters)

ParkMate

Single: Back-to-Back:

Examples:

VP VS

Code	Unit Type-Base Only
VK	ParkMate Power Center (Head On y)
VM	ParkMate, s ng e s de, w/sta n ess stee pad mount post
VN	ParkMate, s ng e s de, w/sta n ess stee earth bur a post
VO	ParkMate, s ng e s de, w/ga van zed stee pad mount post
VP	ParkMate, s ng e s de, w/ga van zed stee earth bur a post
VQ	ParkMate, back to back, w/sta n ess stee pad mount post
VR	ParkMate, back to back, w/sta n ess stee earth bur a post
VS	ParkMate, back to back, w/ga van zed stee pad mount post
VT	ParkMate, back to back, w/ga van zed stee earth bur a post
VW	ParkRanger, s ng e s de, w/thermop ast c pad mount post
VV	ParkRanger, back to back, w/thermop ast c pad mount post

STEP 2:

Choose desired receptacles
for Head 1 or 2 (3 characters)

Single: Back-to-Back:

Examples:

KJH KJH

Code	Most Common Receptacle/Circuit Breaker Combinations (Straight Blade Receptacles)
K	14 50R 50 amp 125/250 V
G	14 50R 50 amp 125/250 V w th GFI Breaker
J	R32U 30 amp 125 V
N	R32U 30 amp 125 V w th GFI Breaker
H	5 20R2 20 amp 125 V w th GFCI Dup ex
I	5 20R2 20 amp 125 V Dup ex w th GFI Breaker
Z	Not Used (B ank)

STEP 3:

Choose desired options
for Head 1 or 2 (2 characters)

Single: Back-to-Back:

Examples:

CQ AW (Side 1)
AA (Side 2)

Code	Options
AA	No Opt ons
AQ	7 watt ght on y
AU	7 watt ght and Photoce
AW	7 watt ght, Photoce , and Metered
CQ	1 TV/Te , 7 watt ght, and Photoce
AC	Metered
AS	7 watt ght and Metered
CM	1 TV/Te and 7 watt ght
CS	1 TV/Te , 7 watt ght, Photoce , and Metered
CO	1 TV/Te , 7 watt ght, and Metered
BW	1 TV/Te
BY	1 TV/Te and Metered
DS	2 TV/Te
EK	2 TV/Te and Metered
EO	2 TV/Te , 7 watt ght, Photoce , and Metered

Repeat Steps 2 & 3 for any back-to-back models to arrive at model number. Receptacles and options can vary on back side.

STEP 4:

Color

ParkMate - Standard Tan (add T suffix)
ParkRanger - Standard White (add W suffix)

Contact factory for special paint requests.

Example Single:

Models:

VPKJHCQT

Back-to-Back:

VSKJHAWKJHAAT

Accessories (Field Installed)

May be factory installed using appropriate option code

Model	Description
UBFP	Backf ow Preventer
UH11AL	Water Shroud (1) faucet open ng**
UH12AL	Water Shroud (2) faucet open ng**
UH90GT	Ga van zed Water Shroud (ParkMate)
UH90ST	Sta n ess Stee Water Shroud (ParkMate)
UHH	One Pa r Cord and Hose Storage Rack
ULUG3	4th Pos t on Lug For 3 Phase Loop Feed #6 350 KCMIL
UWATER34	3/4" Hose B b
VAPE	Photoe ctr c sensor
VKTELTV1	TV/Te Connect on K t (1 TV/Te Jack)*
VKTELTV2	TV/Te Connect on K t (2 TV/Te Jacks)*
VLIGHT	7 Watt F uorescent L ght
VLOOP	1/0 Loop Lug K t (For head on y Loop ug nsta ed n post)
VSLVA	F uorescent Bu b S eeve Amber (For use on 7 or 9 Watt bu bs)

* Standard RJ-11 Phone Jack

** Handicap accessible ParkRanger only

The Next Generation of Outdoor Luxury

ParkRanger is a new, non-metallic pad mount power pedestal that combines all the favorite features of the old pedestals with the advanced technology and advantages of a non-metallic pedestal.

ALL THE AMENITIES OF HOME

- Power, running water, cable TV, and telephone access
- Multiple options available to fulfill individual needs
- Emphasis on convenience and safety
- Connections grouped behind weather resistant cover for easy access and security
- Lighting options provide clear view of service panel for nighttime connection

AESTHETICS AND DESIGN FLEXIBILITY

- Flip-top receptacles and other external components have been eliminated
- Clean, crisp lines
- Controlled lighting system for accent lighting
- Custom finishes
- Single or double-sided
- Individual site metering to recover electrical costs

INSTALLATION, UPGRADING AND MAINTENANCE ADVANTAGES

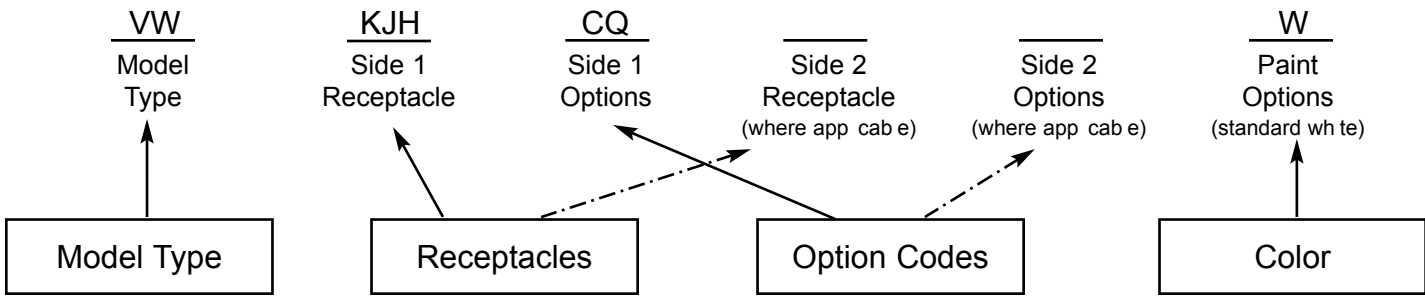
- Factory assembled and wired to minimize on-site installation time and expense
- Advance shipping of base sections available to facilitate rough wiring and plumbing
- Easy to change or add service options with upgrade kits
- Long-term durability
- Molded from GE engineered VALOX plastics
- Reduces corrosion problems
- Infrequent maintenance

FEATURES

- Unitized service panel to accept electrical components, telephone, cable TV, and lighting options
- 100 to 200 amps for use with 120/240 volt, single phase, 3 wire plus ground
- Ambient compensated thermal magnetic circuit breaker
- Weather resistant with VALOX thermoplastic enclosure
- Corrosion resistant internal components
- Prismatic lens with lighting options to effectively eliminate glare and create maximum illumination
- Dress panel on reverse side of all single service pedestals
- Oversize access panel for easy installation, upgrading and quick meter reading
- Base module with loop feed terminal bar
- 4-Circuit load center installed
- 350 MCM loop feed



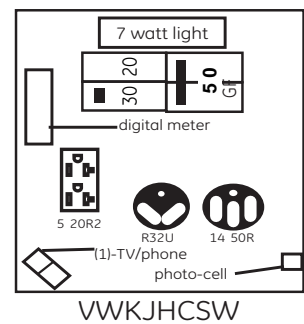
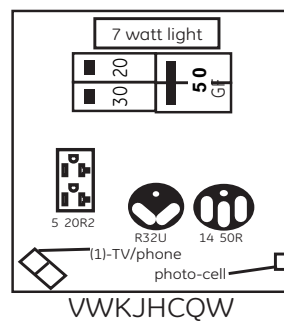
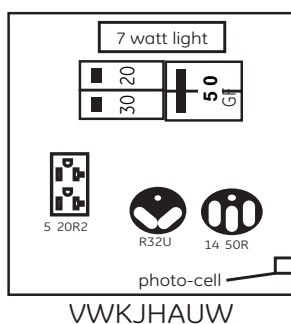
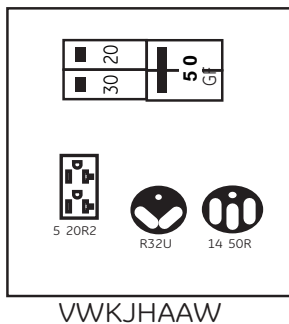
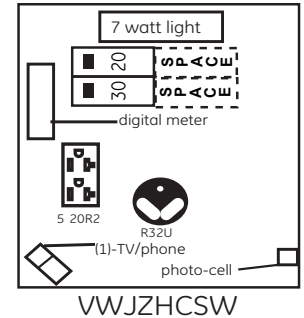
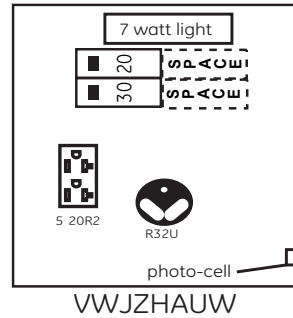
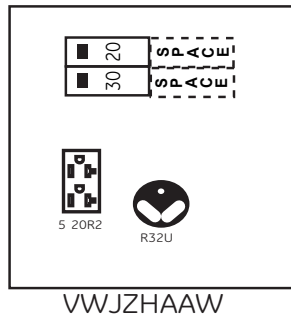
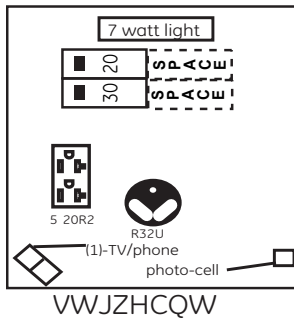
Example: Model Number VWKJHCQW



Most Common Models - Single Sided**

	"AA"	"AU"	"CQ"	"CS"
Receptacle Configuration	No Options	7 watt light & photocell	7 watt light, photo-cell, & 1 TV/Tel	Metered w/ 7 watt light, photocell, & 1 TV/Tel
30A/20A	VWJZHAAW	VWJZHAUW	VWJZHCQW	VWJZHCSW
50A/30A/20A	VWKJHAAW	VWKJHAUW	VWKJHCQW	VWKJHCSW

Wiring Diagrams





Application Information

Most marinas and boat docks provide shore power for their tenants. This application presents unique requirements, including atmospheric conditions, receptacle versatility, rugged construction and attractiveness. The 2008 National Electrical Code requires:

406.8. Receptacles in Damp or Wet Locations. All 15- and 20-ampere, 125- and 250-volt nonlocking receptacles shall be listed weather-resistant type.

406.11. Tamper-Resistant Receptacles in Dwelling Units. In all areas specified in 210.52, all 125-volt, 15- and 20-ampere receptacles shall be listed tamper-resistant receptacles.

555.19 Receptacles. Receptacles that provide shore power for boats are required to be single and of the locking and grounding types.

555.17 Disconnecting Means. A readily accessible disconnecting means, a circuit breaker, switch or both, shall be provided by which each boat can be isolated from its supply connection.

555.19(3) Branch Circuits. Each single receptacle that supplies shore power to boats shall be supplied from a marine power outlet or panelboard by an individual branch circuit of the voltage class and rating corresponding to the rating of the receptacle.

555.15(A) Equipment to be Grounded. The following items shall be connected to an equipment-grounding conductor run with the circuit conductors in a raceway or cable:

1. Metal boxes, metal cabinets and all other metal enclosures
2. Metal frames of utilization equipment
3. Grounding terminals of grounding-type receptacles

Midwest Electric offers a complete line of metered and un-metered power outlets for marina applications. All Midwest marina power outlets utilize corrosion-resistant, grounding and locking-type receptacles, with individual circuit breaker protection, enclosed in a single, easy-to-install enclosure. The different styles of construction in the products we manufacture include:

- Non-metallic power centers - DockPro, Dockmaster and Dockmate
- Metallic power centers- Dockhand, featuring galvanized steel construction



Not all products listed here. Contact your manufacturing representative for a full Marina Catalog.



DOCKPRO®

- Thermoplastic NEMA 3R enclosure with aluminum extrusion frame
- Power, phone & TV under same door
- 360° fluorescent or incandescent lighting for better visibility
- Electronic metering option
- Water shroud is included
- UL & CUL listed



DOCKMASTER®

- Injection molded GE thermoplastic
- Power, phone & TV under same door
- Energy saving fluorescent light
- Electronic metering option
- Water shroud option
- Crisp, clean appearance
- UL & CUL listed



DOCKMATE®

- Power center for Dockbox, surface or pedestal
- Injection molded GE thermoplastic
- Electronic metering option
- Water shroud option
- Energy saving fluorescent light & photocell
- UL & CUL listed

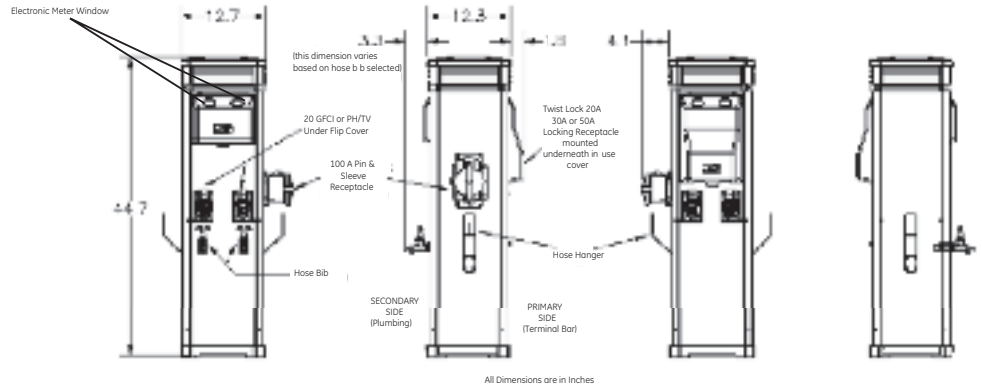


DOCKHAND®

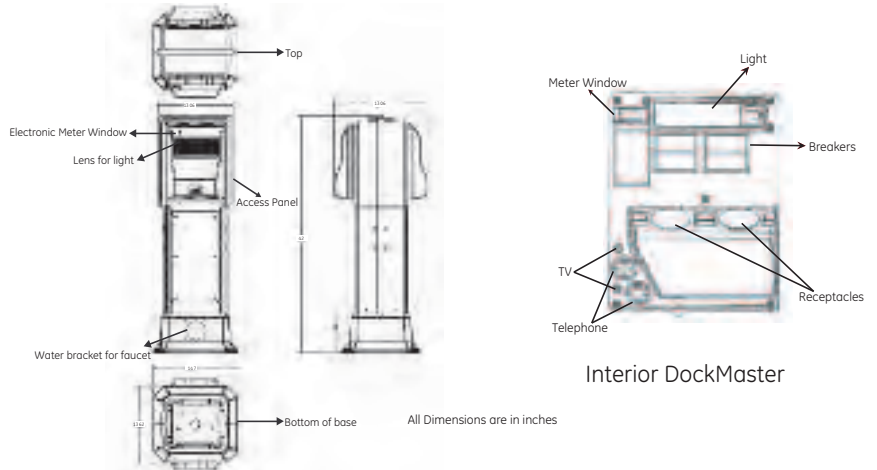
- Compact, durable and economical
- Painted galvanized steel
- Post or surface units
- Post available with loop feed lugs
- Metered or Unmetered
- UL & CUL listed

NOTE: Metered units for use in California require special testing and certification. Contact Manufacturer for information.

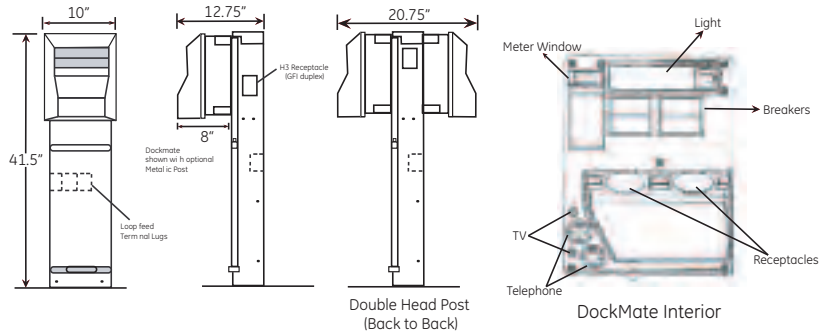
DockPro



DockMaster



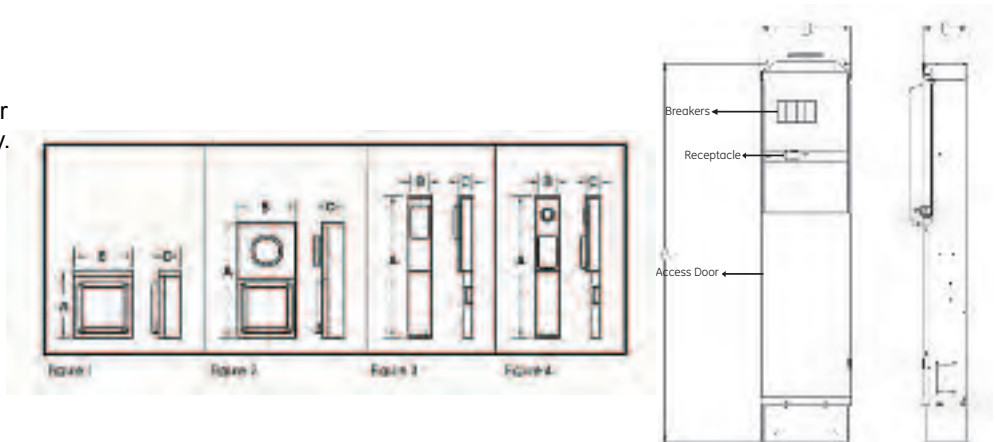
DockMate



Marina Products

DockHand

Available in 6" or 9" wide post or surface mount. Dimensions vary. Please refer to the full Marina Products Catalog.



MARINA/ RV SUBSTATION

Midwest Electric's marina substations provide a safe, economical way to deliver power to Power Centers and Power Pedestals.

The substations consist of a core and coil dry type transformer and a distribution panelboard in a common enclosure.

- NEMA 3R, Marine grade enclosures
- 15kva 300kva transformer range
- Contact Midwest rep for additional information



HARBORLIGHT™

MARINA DOCKSIDE LIGHT FIXTURE

Harborlight Features

- UL Listed
- Corrosion resistant VALOX® housing, all stainless exterior hardware
- PL7 energy saving fluorescent lamps are included
- Separable non metallic base for fast secure installation
- Prismatic lens made from tough, durable LEXAN®



Ordering Information

MODEL #	DESCRIPTION
DLITE071*	7 watt Fluorescent

Harborlight is suitable for 120V AC service

Light circuit should be provided by a circuit breaker or fuse (not included)

*** For newer style units ONLY. For units purchased prior to 2000 consult manufacturer for correct model.**

DOCKPRO LIGHT

MARINA DOCKSIDE LIGHT PEDESTAL

DockPro Light Features

- Used as accent lighting for better visibility of dock areas and pathways
- Pedestals are available in 12" (VUZZAUW12), 24" (VUZZAUW24) & 42" (VUZZAUW42) heights
- 360 degree lighting with Edison based socket to be used with a 15W Compact Fluorescent or an Edison Incandescent Bulb up to 40W (bulbs not provided)
- Lenses available in the following colors: Clear or Opaque



Not all products listed here. Contact your manufacturing representative for a full Marina Catalog.

Marina Products Model Configuration



STEP 1:

Choose Unit Type (2 characters)

DockMate

Single: Back-to-Back:

Examples:

VA **VF**

Code	Unit Type-Base Only
VA	DockMate Power Center (Head On y)
VD	DockMate, s ng e s de, w/sta n ess stee pad mount post
VE	DockMate, s ng e s de, w/ga van zed stee pad mount post
VF	DockMate, back to back, w/sta n ess stee pad mount post
VG	DockMate, back to back, w/ga van zed stee pad mount post
VH	DockMaster, s ng e s ded, w/thermop ast c pad mount post
VJ	DockMaster, back to back, w/thermop ast c pad mount post
VX	DockPro, s ng e s ded, w/thermop ast c pad mount post
VY	DockPro, back to back, w/thermop ast c pad mount post

STEP 2:

Choose desired receptacles for Head 1 or 2 (3 characters)

Single: Back-to-Back:

Examples:

DBZ **DBH**

Code	Most Common Receptacle/Circuit Breaker Combinations (Straight Blade Receptacles)
D	L6 50R 50 amp 125/250 V Lock ng Type
E	L5 50R 50 amp 125 V Lock ng Type
B	L5 30R 30 amp 125 V Lock ng Type
P	L5 30R 30 amp 125 V Lock ng Type w th GFI Breaker
I	5 20R1 S mp ex 20 amp 125 V Stra ght B ade w th GFI Breaker
H	5 20R2 GFCI dup ex 20 amp 125 V Stra ght B ade under f p cover on post
W	100 amp IEC 309 P n/S eeve type, 125/250 V
X	100 amp 120/208 V, 3 phase, 5 w re M5100RA (DockMaster on y)
Z	Not Used (B ank)

STEP 3:

Choose desired options for Head 1 or 2 (2 characters)

Single: Back-to-Back:

Examples:

CS **CQ (Side 1)**
AA (Side 2)

Code	Options
AA	No Opt ons
AQ	7 Watt L ght On y
AU	7 Watt L ght and Photoce
AW	7 Watt L ght, Photoce , and Metered
CQ	1 TV/Te , 7 Watt L ght, and Photoce
AC	Metered
AS	7 Watt L ght and Metered
CM	1 TV/Te and 7 Watt L ght
CS	1 TV/Te , 7 Watt L ght, Photoce , and Metered
CO	1 TV/Te , 7 Watt L ght, and Metered
BW	1 TV/Te
BY	1 TV/Te and Metered
DS	2 TV/Te
EK	2 TV/Te and Metered
EO	2 TV/Te , 7 Watt L ght, Photoce , and Metered

Repeat Steps 2 & 3 for any back-to-back models to arrive at model number. Receptacles and options can vary on back side.

STEP 4:

Color

DockMate/DockMaster/DockPro - Standard White (add W suffix)

Contact factory for special paint requests.

Example Single:

Models:

VADBZCSW

Back-to-Back:

VFDBHCQDBHAAW

Accessories (Field Installed) – Maintains UL
 May be factory installed using appropriate option code

Model	Description
VLIGHT	7 Watt F uorescent L ght
VLOOP	1/0 Loop Lug K t (For head on y Loop ug nsta ed n post)
VAPE	Photoe ectr c sensor
VATELTV	TV Te Connect on K t (1 TV/RJ 11 Te Jack) *
ULUG3	4th Pos t on Lug For 3 Phase Loop Feed #6 350 KCMIL (post un ts on y)
UH90SW	Sta n ess Stee Water Shroud
UH90GW	Ga van zed Stee Water Shroud
UHH	One Pa r Cord and Hose Storage Rack*
VHH	One Pa r Cord and Hose Storage Rack (DockPro)
UBFP	Backfow Preventer
UWATER34	3/4" Hose B b
VMASTER1S	125 V E ectr c Meter K t S ng e*
VMASTER2S	125 V E ectr c Meter K t Dua *
VMASTER1D	125/250 V E ectr c Meter K t S ng e*
VMASTER2D	125/250 V E ectr c Meter K t Dua *

* DockMate Dockmaster only

- Replacement Posts Available for DockMate Models

Contact Factory for more information Reference 'VB' or 'VP' prefixes



T3640UL



Application Information

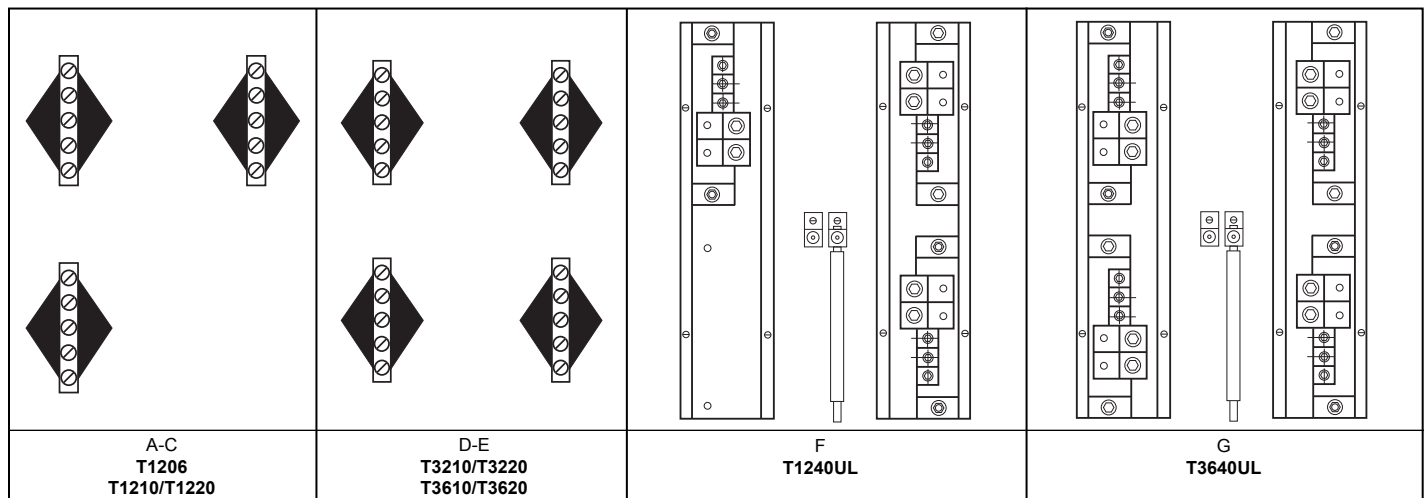
Terminal Boxes convert overhead to underground services and are used for multi-circuit wiring. The NEMA 3R enclosure provides protection for all terminations inside and provides a convenient, time-saving means of wire splices and connections.

Midwest offers a full line of terminal boxes for 240 volt single phase and three phase, and three phase 600 volt ratings to meet your application requirements. Typical applications, both indoor and outdoor, include inter-building wiring on farms, convenient splicing means for industrial use and commercial construction.

Features and Benefits

Save Costly Installation Time

- Terminals accept copper or aluminum wire
- Factory installed terminal bars
- Wide range of concentric knockouts
- Door has stay open position or removes completely
- Wide range of terminals meet varied application requirements
- Padlock provisions to prevent unauthorized entry
- Completely factory assembled, take it out of the carton and it's ready to use
- Durable, long-lasting construction
- Heavy zinc coated steel with electro-deposition paint finish
- Suitable for NEMA 3R and NEMA 1 installations
- Stationary mounted terminations make circuit tracing much easier



120/240 and 240 Volts AC

FIG.	UL	MODEL NUMBER	AMP	VOLTAGE	PHASE	WIRE RANGE	CABINET SIZE	HUB OPENING	UNIT WT.	STD. PKG.
A	Y	T1206	60	120/240	1	(4) 14-4	7 X 10	Y	6	4
B	Y	T1210	100	120/240	1	(5) 14-1/0	9 X 17	Y	11	1
C	Y	T1220	200	120/240	1	(3) 1/0-250, (3) 12-1/0	14 X 21	Y	19	1
D	Y	T3210	100	120/240	3	(5) 14-1/0	9 X 17	Y	12	1
E	Y	T3220	200	120/240	3	(3) 1/0-250, (3) 12-1/0	14 X 21	Y	19	1
F	Y	T1240UL	400	240	1	(2) 2-600, (3) 6-350	16 X 29	Y *	28	1

480, 480Y / 277 and 600 Volts AC

FIG.	UL	MODEL NUMBER	AMP	VOLTAGE	PHASE	WIRE RANGE	CABINET SIZE	HUB OPENING	UNIT WT.	STD. PKG.
D	Y	T3610	100	600	3	(5) 14-1/0	9 X 17	Y	12	1
E	Y	T3620	200	600	3	(3) 1/0-250, (3) 12-1/0	14 X 21	Y	19	1
G	Y	T3640UL	400	600	3	(2) 2-600, (3) 6-350	16 X 29	Y *	29	1

* Non-standard/Universal hub opening. Hub no longer furnished, order U40 hub separately. Will accept U40 only. Consult Manufacturer.

For Wire Range or Cabinet Tables see Application Data Section.

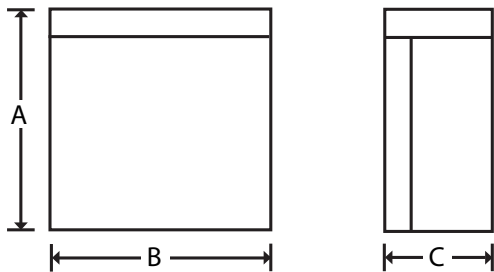
Terminal Boxes Technical Data



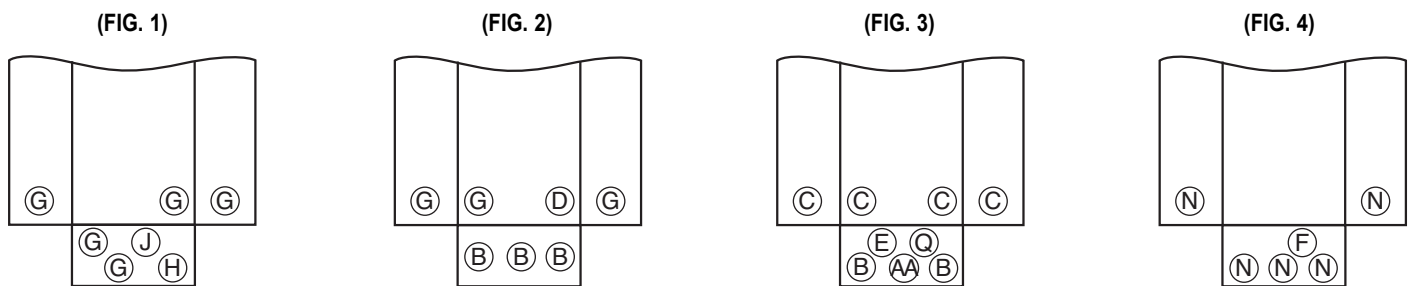
MODEL NUMBER	REPLACEMENT PARTS	NUMBER OF BARS	LUGS PER BAR	CABINET SIZE	CABINET DIMENSIONS			KNOCKOUT FIGURE
	TERMINAL BAR / BUSSING				HEIGHT	WIDTH	DEPTH	
					A	B	C	
T1206	N 60B2	3	4	7 X 10	10"	7 1/4"	4"	1
T1210	N 100B2	3	5	9 X 17	17 1/2"	9 3/4"	3 1/2"	2
T1220	N 200	3	6	14 X 21	21 1/2"	14 1/2"	4 3/4"	3
T1240UL	198B8615G1	3	5	16 X 29	29 1/2"	16"	5"	4
T3210	N 100B2	4	5	9 X 17	17 1/2"	9 3/4"	3 1/2"	2
T3220	N 200	4	6	14 X 21	21 1/2"	14 1/2"	4 3/4"	3
T3610	N 100B2	4	5	9 X 17	17 1/2"	9 3/4"	3 1/2"	2
T3620	N 200A5	4	6	14 X 21	21 1/2"	14 1/2"	4 3/4"	3
T3640UL	198B8615G2	4	5	16 X 29	29 1/2"	16"	5"	4

Terminal Boxes Cabinet Dimensions

* See Model Specific dimensions above.



Terminal Boxes Knockout Configurations



AA= 1-1/2", 2", 2-1/2"

B= 1", 1-1/4", 1-1/2"

C= 1-1/4", 1-1/2", 2"

D= 3/4", 1", 1-1/4"

E= 3/4"

F= 1/2", 3/4"

G= 1/2", 3/4", 1"

H= 3/4", 1", 1-1/4", 1-1/2"

J= 1/2"

N= 2", 2-1/2", 3"

Q= 1"

Transfer Switches/ Power Inlets



Application Information

The Midwest Heavy Duty manual transfer switch provides reliable, trouble-free transfer of power from the normal utility supplied source, to a stand-by generator. This enables the user to maintain power during utility down time periods. The “double throw” mechanism helps prevent dangerous backfeeding of generator power into the utility system. The Midwest transfer switch is designed to be fully operational and switchable at full rated capacity.

The Midwest Transfer switch is available in single phase and three phase configurations, and in ratings through 600V. Special application models, with meter sockets or switched neutrals, are also available.

Typical applications include poultry farms, dairy farms, ventilation in animal confinement buildings, crop drying, and anywhere an extended loss of normal power service would result in severe loss, damage or inconvenience.

Features and Benefits

Electrical Ratings

- 100-400 amperes
- 240 and 600 volt maximum models available
- 60 Hz
- 10,000 AIC

Rugged Durability

- Quick-Make, Quick-Break switch mechanism on most models
- All-In-One Construction for factory assured terminations
- Bus bars used to interconnect main and standby switches on most models
- Knife blade switch contacts provide long life
- Heavy zinc coated steel with highest quality powder coat finish resists corrosion and fading
- Welded flange, NEMA 3R construction, for lasting service in outdoor installations
- Quality user tested components for long life
- Non-metered models UL Listed, “Suitable for use as service equipment, when installed in accordance with the NEC.”

User Safety

- Interlock allows door opening only when switch is in the off position
- Padlock provision in all three on-off-on transfer positions
- Door has padlock provision

Installation Ease

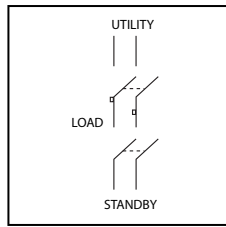
- Optional neutral kit available for both 240-volt and 600-volt
- Broad range of concentric knockouts to accommodate varied wiring needs
- All terminals accept copper or aluminum wire for added installation flexibility



Two Pole

Single Phase – Order Neutral Kit for 3-wire systems

Fig. A



Three Pole

Three Phase – Order Neutral Kit for 4-wire systems
Single Phase – 3" pole can be used for Switched Neutral Applications

Fig. B

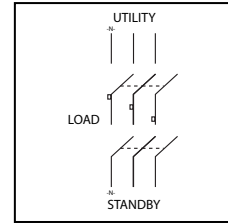


Figure	Model Number	Switch Ratings				System Voltage				Accessories
						Single Phase		Three Phase		
		Main (Amps)	Standby (Amps)	Voltage (VAC)	Poles	120/240 Vac	240V	480V	600V	Neutral Kit ⁴
100 Amp Transfer Switches										
A	GS1101B12UL	100	100	240	2	●				NEU102
B	GS3161B12UL	100	100	600	3	● ³	●	●	●	NEU102
A	GS3161G ¹	100	100	600	3	● ³	●	●	●	NEU102
200 Amp Transfer Switches										
A	GS1201B20UL	200	100	240	2	●				NEU202
A	GS1202B20UL	200	200	240	2	●				NEU202
A	GS1202B20M ²	200	200	240	2	●				NEU202
B	GS3262B25UL	200	200	600	3	● ³	●	●	●	NEU202
B	GS3262G ¹	200	200	600	3	● ³	●	●	●	NEU202
400 Amp Transfer Switches										
A	GS1402B01UL	400	200	240	2	●				NEU407
B	GS3402B01UL	400	200	240	3	● ³	●			NEU407
A	GS1404B01UL	400	400	240	2	●				NEU407
B	GS3404B01UL	400	400	240	3	● ³	●			NEU407
B	GS3464B01UL	400	400	600	3	● ³	●	●	●	NEU407

1 Light Duty Transfer Switch Aluminum Enclosure - includes hub closure plate

2 Includes Meter Socket - Not UL Listed

3 Use for Switched Neutral applications - Neutral Kit not required

4 Order neutral kit for 3-wire single phase systems (120/240) or 4-wire three phase systems (208Y/120, 480Y/277, or 600Y/347)

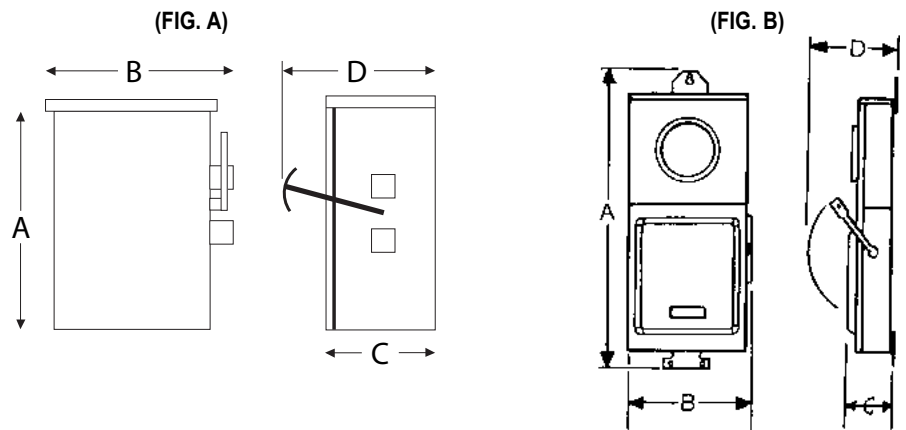
Transfer Switches Technical Data



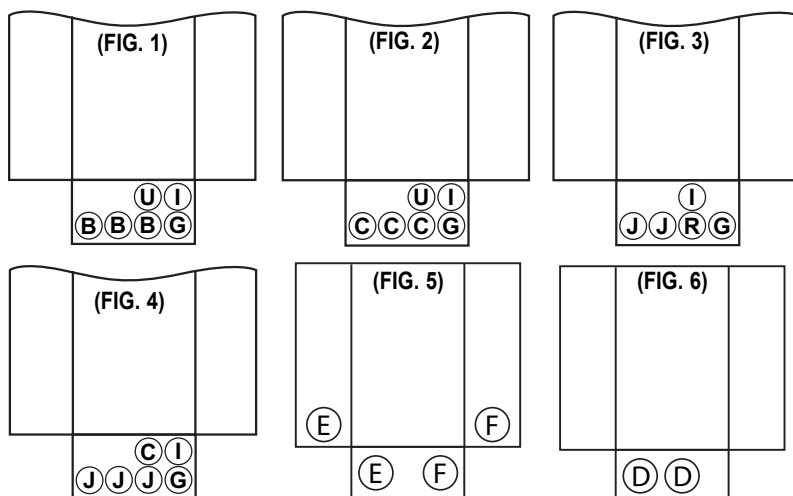
Model Number	Wire Range (Cu/Al)	Unit Weight (lbs)	Enclosure Style	Conduit Hub/Opening ¹		Cabinet Dimensions (in)				Knockout Figure
				Qty	Size	Height A	Width B	Depth C	Depth D	
GS1101B12UL	12-1/0	31	A	(1)	1 1/4"	26	13	6-3/4	10-5/8	1
GS3161B12UL	12-1/0	31	A	(1)	1 1/4"	26	13	6-3/4	10-5/8	1
GS3161G	12-1/0	11	A	(1)	Closure Cap	15-3/4	9-3/4	7	6-1/2	5
GS1201B20UL	6-250	42	A	(1)	2"	32	15-3/4	6-3/4	10-5/8	2
GS1202B20UL	6-250	46	A	(1)	2"	35	15-3/4	7	10-5/8	2
GS1202B20M	6-250	50	B	(1)	2"	38-1/4	15-3/4	6	10-5/8	2
GS3262B25UL	6-250	48	A	(1)	2 1/2"	34-3/4	15-3/4	6-3/4	10-5/8	2
GS3262G	6-250	43	A	(1)	Closure Cap	30-1/2	17	10	12	6
GS1402B01UL	2-600 or (2) 1/0-250	71	A	(2)	Closure Caps	43-1/2	18-1/2	9-1/4	14-1/8	3
GS3402B01UL	2-600 or (2) 1/0-250	107	A	(2)	Closure Caps	42-1/2	24	9-1/4	14-1/8	4
GS1404B01UL	2-600 or (2) 1/0-250	80	A	(2)	Closure Caps	43-3/4	18-1/2	9-1/4	14-1/8	3
GS3404B01UL	2-600 or (2) 1/0-250	120	A	(2)	Closure Caps	43-1/2	24	9	14-1/8	4
GS3464B01UL	2-600 or (2) 1/0-250	120	A	(2)	Closure Caps	43-1/2	24	9	14-1/8	4

¹ Switch includes conduit hub or closure cap(s) as indicated. For alternate conduit hub sizes, see table on page 118.

Cabinet Dimensions



Knockout Configurations



- B = 1", 1-1/4", 1-1/2"
- C = 1-1/4", 1-1/2", 2"
- D = 2", 2-1/2", 3"
- E = 1", 1-1/4", 1-3/4"
- F = 1-1/4", 1-3/4", 2"
- G = 1/2", 3/4", 1"
- I = 11/16"
- J = 2", 2-1/2", 3", 3-1/2"
- R = 3/4", 1", 1-1/4", 1-1/2", 2"
- U = 1/4"

Transfer Switches

Features and Benefits

- Recessed generator receptacle
- G90 Galvanized steel with superior electro-deposition paint finish provides excellent corrosion protection
- All in one construction for factory assured terminations
- Rolled edge door for cord protection
- Cover design allows cords to exist while maintaining the NEMA 3R integrity
- Padlockable door to help prevent unauthorized access
- Deadfront construction prevents accidental contact with live parts
- UL listed
- Blank top – no hub provision

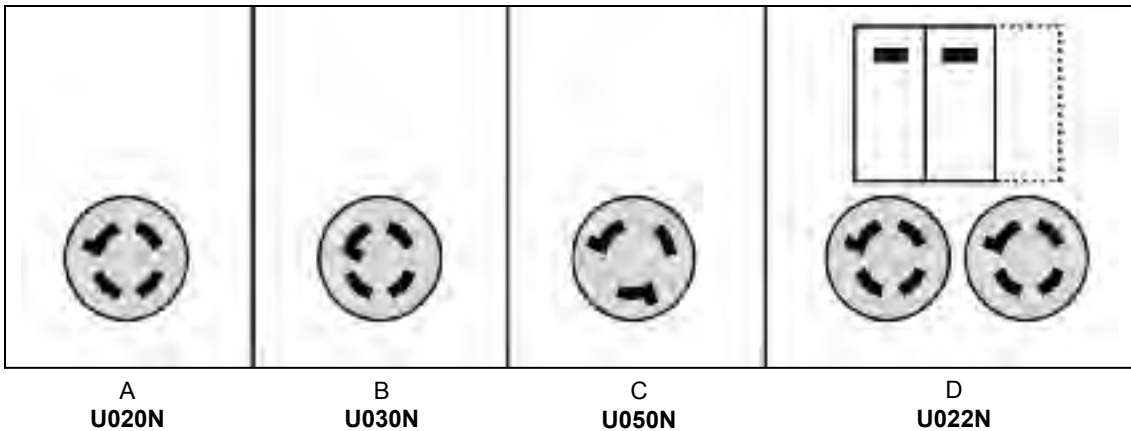
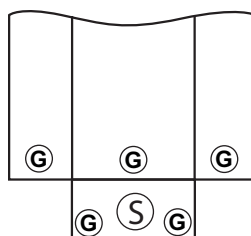


FIG.	UL	MODEL NUMBER	RECEPTACLES	AMPS	VOLTS	HEIGHT	WITDTH	DEPTH
A	Y	U020N	L14-20	20	120/240	14-3/8"	6-3/4"	5-3/16"
B	Y	U030N	L14-30	30	120/240	14-3/8"	6-3/4"	5-3/16"
C	Y	U050N	CS6375 **	50	120/240	14-3/8"	6-3/4"	5-3/16"
D	Y	U022N	(2) L14-20 *	40	120/240	14-3/8"	6-3/4"	5-3/16"

* U022N also has (2) CB120 circuit breakers and one breaker space.

** CS6375 is a California Standard, 3-pole / 4-wire grounded non-NEMA.

Knockouts



G = 1/2", 3/4", 1"

S = 1/2", 3/4", 1", 1-1/4", 1-1/2"

Application Information

The Midwest Ranch Panel provides a reliable and convenient solution for meter socket and maximum circuit layout flexibility.

Designed and manufactured to meet EUSERC standards, these high quality NEMA 3R meter centers are a superior solution to a wide range of specific applications. Increased durability and flexibility, combined with ease of installation, add up to lower installed cost.

Features and Benefits

Electrical Ratings

- 200 Main Amp Rating
- UL Listed “Suitable for use as service equipment”
- Feed through lugs
- 120-240V, Single-Phase
- 3-wire

Enclosure

- CB4200H circuit breaker installed
- NEMA 3R enclosure
- Suitable for surface mounting
- Wide box with generous wire bend space for inside feed of overhead or underground applications
- Removable side-opening door
- 3” concentric knockouts

Breaker Panel

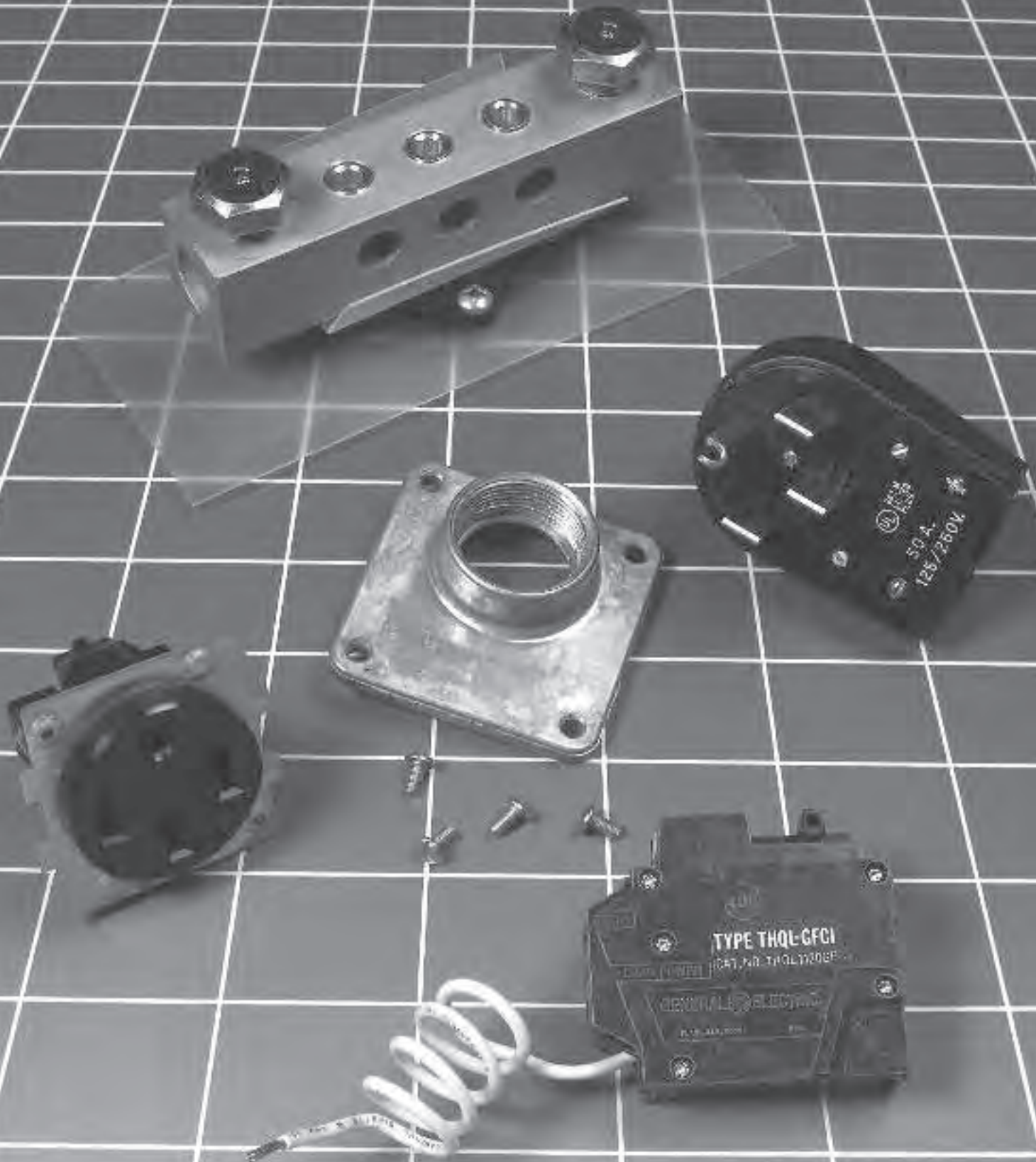
- Space for parallel secondary disconnect
- Series rated 22kAIC main breaker
- Factory installed bonded neutral
- Combination slotted/Robertson neutral screws
- Minimum 100% neutral terminations
- Room for two neutral wires per hole
- Solid, extra long neutral bar
- Accepts 1” or 1/2” circuit breakers - total of 8 single-pole or 4 double-pole provisions.



Surface - Metered

Model Number	Main AMP Rating	Maximum Spaces				Total 1-Pole Spaces	Type of Feed
		1” Breaker		1/2” Breaker			
		1-Pole	2-Pole	1-Pole	2-Pole		
MS2453C	200	4	2	8	3	8	Overhead/Underground

For more details, see page 16.



TEMPORARY ADAPTERS (Not UL listed)

<p>Model AD2030</p> <p>TO</p> <p>30 Amp, 125 Vo t P ug; 15 Amp, 125 Vo t Receptac e; 10 Pack On y</p>	<p>Model AD3020</p> <p>TO</p> <p>15 Amp, 125 Vo t P ug; 30 Amp, 125 Vo t Receptac e; 10 Pack On y</p>	<p>Model AD5020</p> <p>TO</p> <p>15 Amp, 125 Vo t P ug 50 Amp, 125/250 Vo t Receptac e; 10 Pack On y</p>
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RECEPTACLES AND ANGLE PLUGS

Angle Plugs

Offers increased flexibility by plugging into receptacles at an angle where space limitations exist. Plugs are molded of Zytel® Nylon, a rugged impact resistant material.

Receptacles

Angle Plugs

Receptacles on Plates

<p>BR54U (Base Mount)</p>	<p>C54U</p>	<p>PR54U</p>
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NEMA CONFIGURATIONS	AMP.	VOLTAGE	MODEL NUMBER	MODEL NUMBER	MODEL NUMBER
ANSI C73 13-1972 R-32-U 30 AMP. 125 VOLT (Traveler Use Only)	30	125	BR32U¹ R32U (Panel Mount)	C32U	PR32U
10-30R	30	125/250	BR33¹	C33	PR33
14-30R	30	125/250	BR34¹	C34	PR34
10-50R	50	125/250	BR53¹	C53	PR53
14-50R	50	125/250	BR54U¹	C54U	PR54U
18-60R	60	120/208	---	C54	---
14-60R	60	125/250	BR64U¹	C64U	PR64U

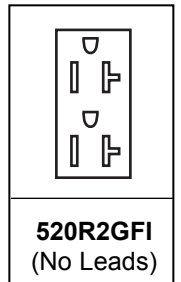
¹Receptacle is complete with bracket to base mount into unit.



Post Only (With cover)

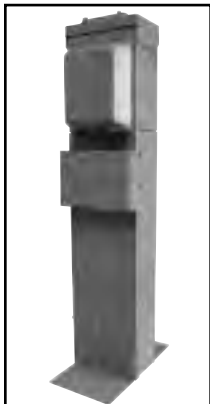
FEATURES

- Post only with 3 wire openings (back and both sides)
- Earth bur a and pad mounted
- Terminal bar assembly with loop feed ugs standard
- Surface mount units may be field installed on these posts (Not UL listed)
- Swing-down hasp (atch) for pad lock provision
- Painted 16 gauge galvanized steel

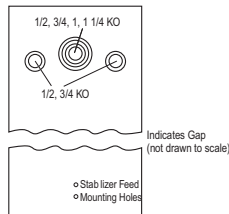


MODEL NUMBER	DESCRIPTION	DIMENSIONS			FACTORY INSTALLED TERMINAL ASSEMBLY	STD. PKG
		W	H	D		
P5 POST	Pad Mount	9	59-1/2	4-1/2	LT200B350	1
P6 POST	Earth Bur a	9	83-1/2	4-1/2	LT200B350	1

5" x 7" Attachable Post



- Attachable to any 5" x 7" power outlet
- Pad mount or earth bur a
- Green or grey
- Idea for landscaping, electric vehicle, motor block and septic tank control applications
- G90 galvanized steel



COLOR	POST DIMENSIONS (INCHES)			POST MODEL NUMBER	ACCESSORY KIT MODEL NUMBER
	HEIGHT	WIDTH	DEPTH		
GREY	17	5	3.2	M57POST24	M57PT24ACC*
GREY	28	5	3.2	M57POST24G1	M57PT24ACCG1**
GREY	41	5	3.2	M57POST36	M57PT36ACC**
GREEN	17	5	3.2	M57POST36G1	M57PT36ACCG1*
GREEN	29	5	3.2	M57POST48	M57PT48ACC**
GREEN	41	5	3.2	M57POST48G1	M57PT48ACCG1**

* includes cord guard and pad mount stabilizer feet

** includes cord hanger, cord guard and pad mount stabilizer feet

Post Extensions



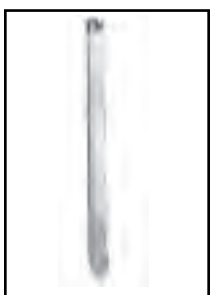
- EK126** 6PT (6") Post Models
- EK129*** 9PT (9") Post Models

Kit consists of: (1) Post Extension Bracket, (2) 1/2" Bolts, (2) 1/2" Nuts, (4) 1/2" Flatwashers.

Dimensions: 18"L x 6"W or 9"W

*Add "CW" for WEPCO Approved Model

Post Stake



MS62

Kit consists of: (1) Post Stake Bracket, (2) 1/2" Bolts, (2) 1/2" Nuts, (4) 1/2" Flatwashers.

Dimensions: 44"L x 3"W or 1"D

Top Barrier Kit



MSB 14T

Top Barrier for 14 x 26 surface models. Isolates load conductors in meter compartment.

Stabilizer Base & Stabilizer Foot Kit



FBEM9

Earth Bur a Installation
- wire from back on y



SFEM6

6" Stabilizer Foot Kit

SFEM9

9" Stabilizer Foot Kit

- wire from side or back

SFEM9

TV/Telephone Add-On



TTV100 – TV/Telephone Add-on accessory bolts on at ground level to the back of a padmount post, earth-bur a post, or a wall. The open back and open bottom make for easy wiring. Factory or field-installed TV/Telephone receptacle may be field replaced with data (Cat5) or other similar feature receptacle. Includes in-use cover.

- 5" x 18"

- Units non-NEMA and non-UL

- RJ11 Phone Jack; height 12 inches

- wall mount on pad or direct bur a post

Bolt-On Hub (threaded)



(Standard Pkg Qty in 10 pcs.)

Closure plate is standard with most Midwest products.

Order appropriate hub from chart below.

HUB OPENING	MIDWEST HUB NO.	UNIVERSAL HUB NO.	
		SMALL	LARGE
3/4"	B07	-	-
1"	B10	U10	-
1 1/4"	B12	U12	-
1 1/2"	B15	U15	-
2"	B20	U20	U27
2 1/2"	B25	U25	U28
3"	-	-	U30
3 1/2"	-	-	U35
4"	-	-	U40
Closure Plate	B01	U01	U04

Sealing Ring (Aluminum)



ASR1
Screw Style Sealing Ring for Ring-Type Meter Sockets

SNPR1
Snap-On Style Sealing Ring for Ring-Type Meter Sockets

Tie Bars



121



131

Circuit Breaker Filler Plates

MODEL	DESCRIPTION
265A5003P1	1" Meta
265A5003P2	2" Meta

Touch-Up Paint

Textured Paint

PRODUCT NUMBER	DESCRIPTION
PCAMOTEX	Camo Green
PTANTEX	Tan
PBLUETEX	Blue
PWHITETEX	White
PBRONZETEX	Bronze

Glossy Paint

PGRAY61	Gray
---------	------

RV Substation

Midwest Electric's RV substations provide a safe, economical way to deliver power to Power Centers and Power Pedestals.

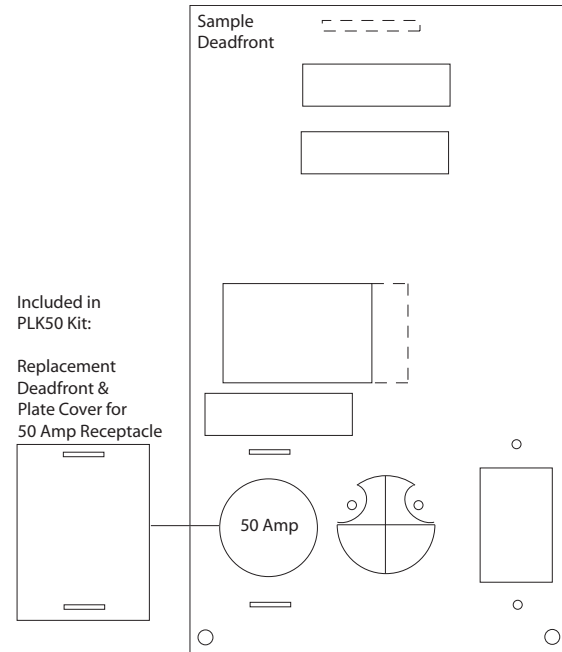
The substations consist of a core and coil dry-type transformer and a distribution panelboard in a common enclosure.

- NEMA 3R, Marine grade enclosures
- 15kva-300kva transformer range
- Contact Midwest rep for additional information



50-Amp Receptacle Lockout Panel

PLK50 - Replacement deadfront kit with 50-Amp Receptacle lockout feature for all U075- or M075-series units, with GFCI duplex cut-out.



Water Shroud & Hose Bib

Water Shroud Models:

- **UH11AL** - Water shroud (1) - Hand cap Accessible (ParkRanger)
- **UH12AL** - Water shroud (2) - Hand cap Accessible (ParkRanger)
- **UH20GG** - Adapts to 6" wide galvanized steel post - grey color
- **UH90G** - Adapts to 9" wide galvanized steel post - grey color
- **UH90GT** - Adapts to 9" wide galvanized steel post - tan color
- **UH90ST** - Adapts to 9" wide stainless steel post - tan color

Hose Bib:

- **UWATER34** - 3/4" Hose Bib Faucet for Post Applications



Pullers, Fuse Blocks, Fuse Holders



Model Number
Wire Range (CuAl)
Amp (Maximum)

FH1
14 10 Cu On y
30



Model Number
Wire Range (CuAl)
Amp (Maximum)

FH2
14 10 Cu On y
20



Model Number
Wire Range (CuAl)
Amp (Maximum)

FH3
14 10 Cu On y
30



Model Number
Wire Range (CuAl)
Amp (Maximum)

NF65
14 3
60



Model Number
(Pu out For NF65)

NF652



Model Number
Wire Range (CuAl)
Amp (Maximum)

FH101
12 1/0
100



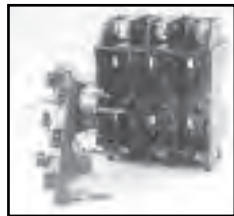
Model Number
Wire Range (CuAl)
Amp (Maximum)

FHL101
12 1/0
100



Model Number
(Pu out for FH101 and FHL101)

FH1012



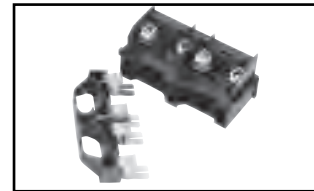
Model Number
Amp (Maximum)

265A6036G69
(B ock & Pu er for U0653F)
60 Amp



Model Number
(Pu out for P035F, FR35, FR39)

FR352



Model Number
(Pu out for U035F2, FR35R)

FR35R, FR352R
FR35R (Fuse B ock and Pu out for U035F2)
FR352R (Pu out for U035F2, FR35R)



Model Number
Wire Range (CuAl)
Amp (Maximum)

FR35 FR65
12 3 12 3
30 60



Model Number
Wire Range (CuAl)
Amp (Maximum)

FR66
12 3
60



Model Number
Wire Range (CuAl)
Amp (Maximum)

FR39 FR69
12 3 12 3
30 60



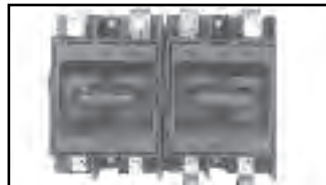
Model Number
(Pullout for FR67, FR65, FR66, FR69, FR64X2, FR65X2, FR67X2)

FH682



Model Number
Wire Range (CuAl)
Amp (Maximum)

FR64X2
12 3
60



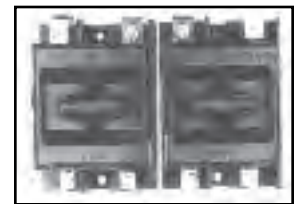
Model Number
Wire Range (CuAl)
Amp (Maximum)

FR65X2
12 3
60



Model Number
Wire Range (CuAl)
Amp (Maximum)

FR67
12 3
60



Model Number
Wire Range (CuAl)
Amp (Maximum)

FR67X2
12 1/0
100

Circuit Breakers

C O D E	MIDWEST MODEL NUMBER	MODEL NUMBER		AMP	VOLTAGE	NO. OF POLES	CIRCUIT BREAKER DESCRIPTION
		1" MODULE	1/2" MODULE				

Single Pole 120/240 Volt, 10,000 AIC Plug-In

A	CB115	HQL115	----	15	120/240	1	Plug- n
B	CB120	HQL1120	----	20	120/240	1	Plug- n
C	CB130	HQL1130	----	30	120/240	1	Plug- n
D	CB140	HQL1140	----	40	120/240	1	Plug- n
E	CB150	HQL1150	----	50	120/240	1	Plug- n
F	CB115T*	----	HQP115	15	120/240	1	Plug- n
G	CB120T*	----	HQP120	20	120/240	1	Plug- n
J	CB150T*	----	HQP150	50	120/240	1	Plug- n

* Models ending in "T" (1/2" Thinline breakers) not available for all load centers. Consult Manufacturer.

Double Pole 120/240 Volt, 10,000 AIC Plug-In

K	CB215	HQL2115	----	15	120/240	2	Plug- n
L	CB220	HQL2120	----	20	120/240	2	Plug- n
M	CB230	HQL2130	----	30	120/240	2	Plug- n
N	CB240	HQL2140	----	40	120/240	2	Plug- n
O	CB250	HQL2150	----	50	120/240	2	Plug- n
P	CB220T*	----	HQP220	20	120/240	2	Plug- n
Q	CB230T*	----	HQP230	30	120/240	2	Plug- n
R	CB250T*	----	HQP250	50	120/240	2	Plug- n
S	CB260	HQL2160	----	60	120/240	2	Plug- n
T	CB270	HQL2170	----	70	120/240	2	Plug- n
U	CB2100	HQL21100	----	100	120/240	2	Plug- n
V	CB2150B	QDL or equivalent	----	150	120/240	2	Plug- n
V2	CB2200B	QDL or equivalent	----	200	120/240	2	Plug- n

* Models ending in "T" (1/2" Thinline breakers) not available for all load centers. Consult Manufacturer.

GFCI Single and Double Pole, 10,000 AIC

W	GF115	HQL1115GF	----	15	120/240	1	Ground Fault Circuit interrupter
X	GF1120	HQL1120GF	----	20	120/240	1	Ground Fault Circuit interrupter
Y	GF1130	HQL1130GF	----	30	120/240	1	Ground Fault Circuit interrupter
Z	GF1220	HQL2120GF	----	20	120/240	2	Ground Fault Circuit interrupter
AA	GF1230	HQL2130GF	----	30	120/240	2	Ground Fault Circuit interrupter
AB	GF1240	HQL2140GF	----	40	120/240	2	Ground Fault Circuit interrupter
AC	GF1250	HQL2150GF	----	50	120/240	2	Ground Fault Circuit interrupter

Double Pole Bolt-On 240 Volt, 10,000 AIC

BB	CB2101	QD22100WL	----	100	240	2	100 Amp Bolt-On
CC	CB2151	QD22150WL	----	150	240	2	150 Amp Bolt-On
DD	CB2201	QD22200WL	----	200	240	2	200 Amp Bolt-On

Special Purpose Breakers 240 Volt, 10,000 AIC

EE	CBL2101	----	----	100	240	2	Bolt-On w/Auxiliary Load Lugs
FF	CBL2151	----	----	150	240	2	Bolt-On w/Auxiliary Load Lugs
GG	CBL2201	----	----	200	240	2	Bolt-On w/Auxiliary Load Lugs
HH	LCB2101	----	----	100	240	2	Bolt-On w/Auxiliary Load Lugs
II	LCB2151	----	----	150	240	2	Bolt-On w/Auxiliary Load Lugs
JJ	LCB2201	----	----	200	240	2	Bolt-On w/Auxiliary Load Lugs
KK	CBT2102	----	----	100	240	2	Plug- n or 100 Series
LL	CBT2201	----	----	200	240	2	Bolt-On or 200 Series
MM	CBT2201N	----	----	225	240	2	Bolt-On Non-Auto Bkr Series

NOTE: Factory added modification on parts to breakers, not available.

Plug-In 240 Volt, 22,000 AIC

NN	CB4200H	HQMV200WLB	----	200	240	4	Plug-in
OO	CB4150H	HQMV150WLB	----	150	240	4	Plug-in
	CB2100H	HHQL21100	----	100	240	2	Plug-in

Bolt-On 240 Volt, 22,000 AIC

QQ	CB2101H	HQD22100WL	----	100	240	2	Bolt-On
RR	CB2151H	HQD22150WL	----	150	240	2	Bolt-On
SS	CB2201H	HQD22200WL	----	200	240	2	Bolt-On

Circuit Breakers



CB115 A-E



CB115T F-J



CB220 K-O, S-U



CB220T P-R



CB2200B V-V2



GFI115 W-AC



CB2201 BB-DD, QQ-SS



CBT2201 LL-MM



CBL2201 EE-GG



LCB2201 HH-JJ



CBT2102 KK



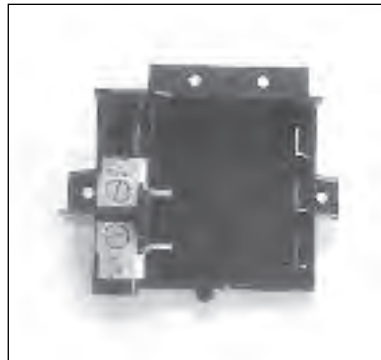
CB4200H NN-OO

Load Center Interiors

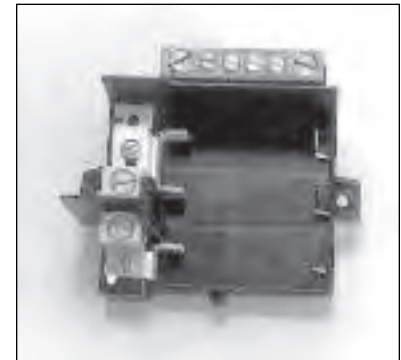
Part Number	Circuits	Volts	Amps	Line Lug Size	Neutral Lug Size
LC31X3	1	120	30	#14-1/0 CU AL	None
LC32X1	2	120/240	100	#14-1/0 CU AL	None
LC33N1	3	120/240	100	#14-1/0 CU AL	(2)#14-1/0, (2)#14-4 CU AL
LC33N1T	3	120/240	100	(2)#14-1/0 CU AL/Phase	(2)#14-1/0, (2)#14-4 CU AL
LC31N3	1	120	30	#14-1/0 CU AL	(2)#12-2 CU AL
LC33N7	3	120/240	70	#14-1/0 CU AL	(4)#14-2 CU AL
LC44X1	4	120/240	100	#14-1/0 CU AL	None
LC55N1	5	120/240	100	#14-1/0 CU AL	(2)#14-1/0, (2)#14-4 CU AL
LC55N1T	5	120/240	100	(2)#14-1/0 CU AL/Phase	(2)#14-1/0, (2)#14-4 CU AL
LC88PC	8	120/240	200	#6-250KCMIL	None
LC88X2	8	120/240	200	(2)#1-300KCMIL CU AL	None
LC1212PC	12	120/240	200	#6-250KCMIL	None
PC2LC	2	120/240	125	#6-2/0 CU AL	None
LCBS	4	120/240	200	#1-4/0	#1-4/0, #6-2/0, #14-4
LCBNS	1	120/240	200	#1-4/0	#1-4/0, #6-2/0, #14-4
LCTL	4	120/240	200	#1-4/0	#1-4/0, #6-2/0, #14-4
LCTNL	4	120/240	200	#1-4/0	#1-4/0, #6-2/0, #14-4



LC31X3



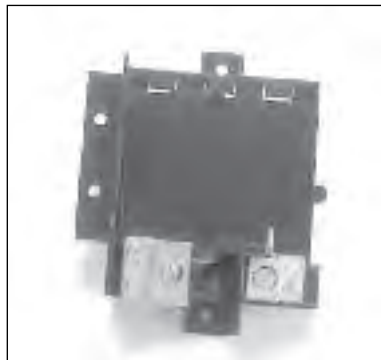
LC32X1



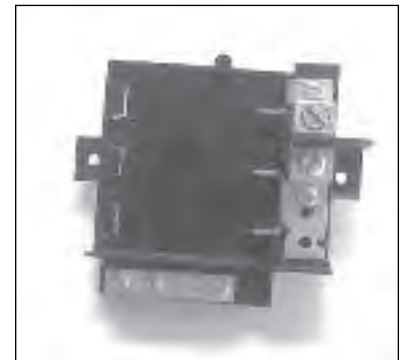
LC33N1



LC33N1T

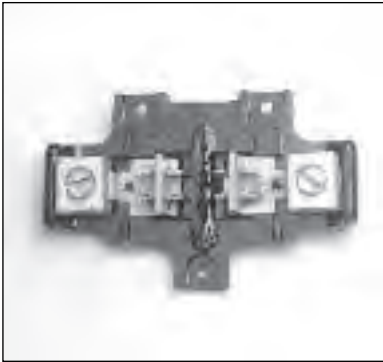


LC31N3

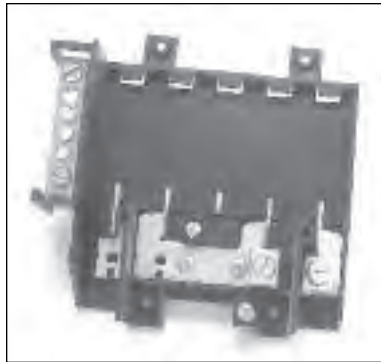


LC33N7

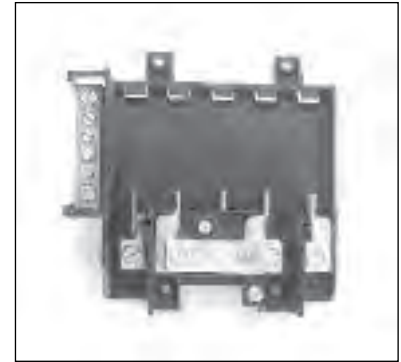
Load Center Interiors



LC44X1



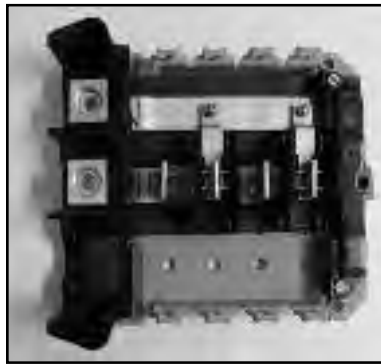
LC55N1



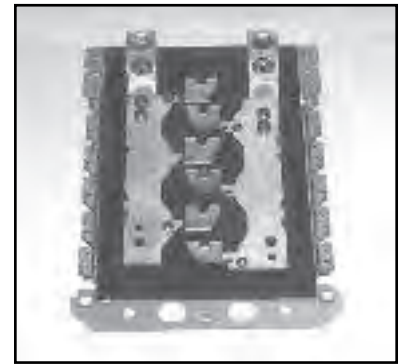
LC55N1T



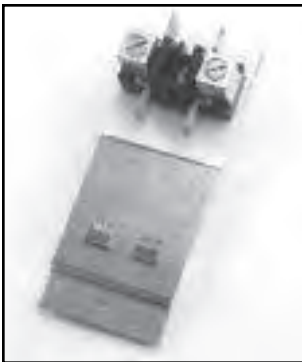
LC88PC



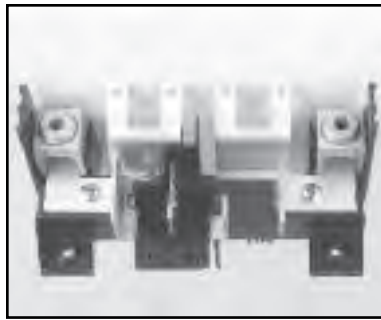
LC88X2



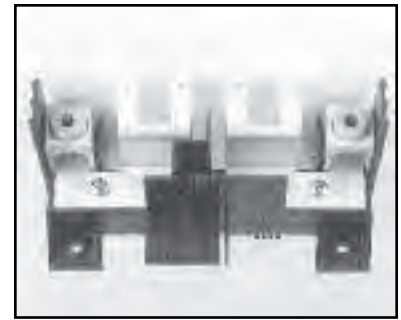
LC1212PC



PC2LC



LCBS



LCBNS



LCTL



LCTNL

Lug Assemblies

Part Number	Lug Size and Qty.
NI60B2	(4)#14-4 CU AL
NEU102	(5)#12-1/0 CU AL
NI100B2	(5)#14-1/0 CU AL
NEU202	(2)#14-1/0, (3)#6-250KCMIL CU AL
NI200	(3)1/0-250KCMIL, (3)#12-1/0 CU AL
NI200A5	(3)1/0-250KCMIL, (3)#12-1/0 CU AL
NEU407	(2)#14-1/0, (3)#2-600KCMIL
NI400A1	(2)1/0-600KCMIL, (3)1/0-250KCMIL CU AL
GL3	(2)#12-2 CU AL



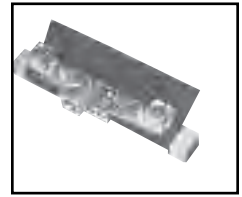
NI60B2



NEU102



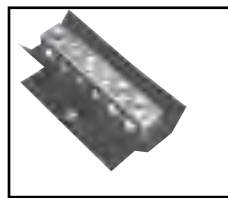
NI100B2



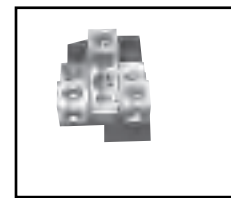
NEU202



NI200



NI200A5



NEU407



NI400A1



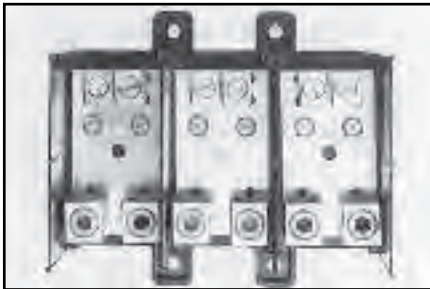
GL3

Meter Door Replacement Kits

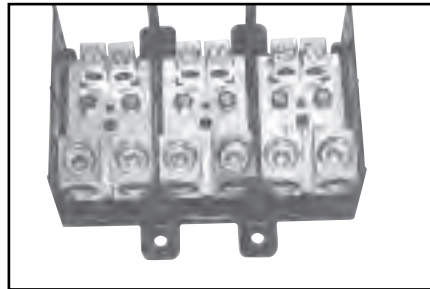
Meter door replacement kits are available for Service Entrance, Temporary Power, and RV metallic metered units. Please consult manufacturer to ensure the proper kit is ordered for your model.

Loop Feed Lug Terminal Bars

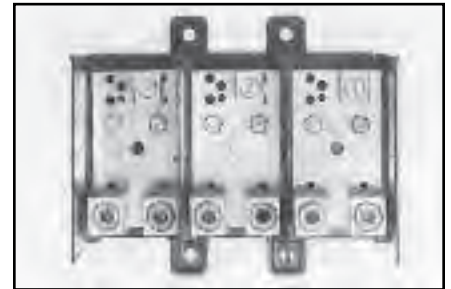
Part Number	Load Amps	Load Lugs	Line Amps	Line Lugs
LT100B250	100	(2)#14-1/0 CU AL Per Phase	200	(2)#1-300KCMIL CU AL Per Phase
LT100B350	100	(2)#14-1/0 CU AL Per Phase	200	(2)#6-350KCMIL CU AL Per Phase
LT100S250	100	(1)#14-1/0 CU AL Per Phase	200	(2)#1-300KCMIL CU AL Per Phase
LT100S300	100	(2)#14-1/0 CU AL; (4)#14-4 CU AL	200	(6)#1-300KCMIL CU AL
LT100S350	100	(2)#14-1/0 CU AL; (4)#14-4 CU AL	200	(6)#1-350KCMIL CU AL
LT200B350	200	(2)#2-250KCMIL CU AL Per Phase	200	(2)#6-350KCMIL CU AL Per Phase
LT200B350RF	200	(2)#14-1/0 CU AL Per Phase	200	(3)#6-300KCMIL CU AL Per Phase
LT200S350	200	(1)#2-250KCMIL CU AL Per Phase	200	(2)#6-350KCMIL CU AL Per Phase
LT200SS	200	(2)#2-250KCMIL CU AL Per Phase	200	3/8"-16 Double Stud Per Phase



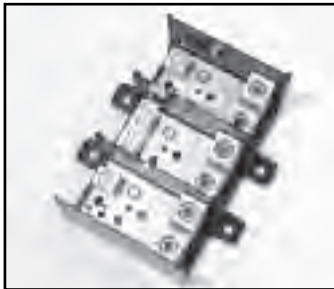
LT100B250



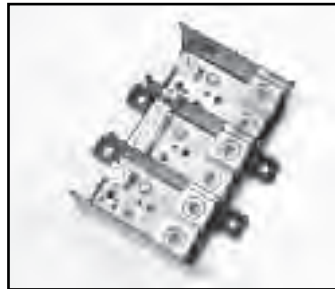
LT100B350



LT100S250



LT100S300



LT100S350



LT200B350



LT200B350RF

Allows customer to go 2 different ways in a row of lugs for radial feed.



LT200S350



LT200SS

Meter Bases

100 Amp Meter Sockets for models manufactured after February 1995

Replacement Model No.	Type	Rating	Lug Style	Line Lug Wire Range	Optional Neutral Kit	Description
MSM100EZ	Ring-Type	100	Lay-in	6-350KCMIL	À	EZ-Site Underground Surface Panels
MSR100EZ	Ringless	100	Lay-in	6-350KCMIL	À	EZ-Site Underground Surface Panels
MSM100930 ¹	Ring-Type	100	Lay-in	6-350KCMIL	MSBN4	9" x 30" Surface Panels
MSR100930	Ringless	100	Lay-in	6-350KCMIL	MSBN4	9" x 30" Surface Panels
MSM100P9 ¹	Ring-Type	100	Lay-in	6-350KCMIL	MSBN4	9PT Single Sided Posts
MSR100P9	Ringless	100	Lay-in	6-350KCMIL	MSBN4	9PT Single Sided Posts
MSM10014	Ring-Type	100	Lay-in	6-350KCMIL	MSBN4	11" Wide and 14" wide Surface Panels

À Neutral Factory installed in EZ-Site (Temporary Power) enclosure

100 Amp Meter Sockets for models manufactured between 1984 and February 1995

Replacement Model No.	Type	Rating	Lug Style	Line Lug Wire Range	Optional Neutral Kit	Description
MS1H	Ring-Type	100	Lay-in	6-1/0	MSBN1A	Post Models, 14" wide Surface Panels
MS1S ¹	Ring-Type	100	Lay-in	6-1/0	MSBN1A	Surface Mount, Rear Socket on Posts

200 Amp Meter Sockets for models manufactured after 1984

Replacement Model No.	Type	Rating	Lug Style	Line Lug Wire Range	Optional Neutral Kit	Description
MSM20014 ¹	Ring-Type	200	Lay-in	6-350KCMIL	MSBN4	14" wide Surface Panels
MSR20014	Ringless	200	Lay-in	6-350KCMIL	MSBN4	14" wide Surface Panels
MW200M ¹	Ring-Type	200	Box Style	1/0-350KCMIL	MSBN4	Other Panels and Post Units
MW200R ¹	Ringless	200	Box Style	1/0-350KCMIL	MSBN4	Other Panels and Post Units
MSMS ¹	Ring-Type	200	Lay-in	—	—	28" and 18" Series Service End Surface Mount
MSRS ¹	Ringless	200	Lay-in	—	—	28" and 18" Series Service End Surface Mount
MSMP ¹	Ring-Type	200	Box Style	—	—	28" and 18" Series Service End Posts
MSRP ¹	Ringless	200	Box Style	—	—	28" and 18" Series Service End Posts
265A5264P8	Ringless	200/320*	Lay-in	6-350KCMIL	Comes w/5th Jaw Neut	14" Lever Bypass Series SE Surface/Pedestal

¹ Midwest Electric manufactured meter socket only.

* 320 Amp Rated for Bypass.

400 Amp Lever Bypass Meter Socket

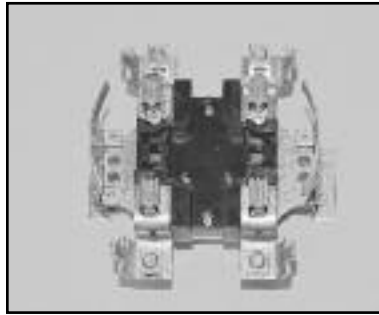
Replacement Model No.	Type	Rating	Lug Style	Line Lug Wire Range	Optional Neutral Kit	Description
265A5264P10	Ringless	400/320*	Db Box Style	6-350KCMIL	—	14" Lever Bypass Series SE Surface/Pedestal

* 320 Amp Rated for Bypass.

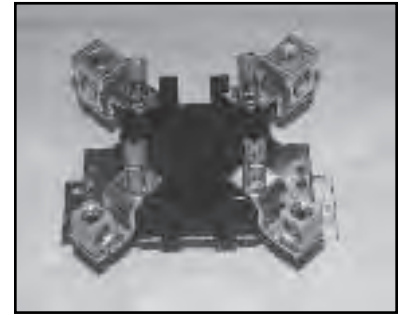
Meter Bases



MSM100930



MSR100P9



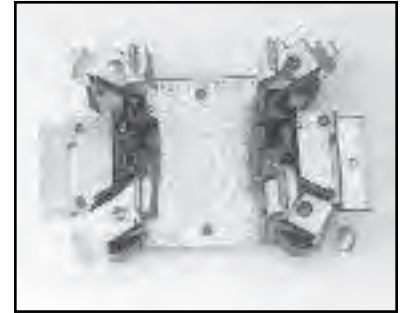
MSM20014



MW200R



MW200M



MS1S



MSMS



MSRS



MSMP



MSRP

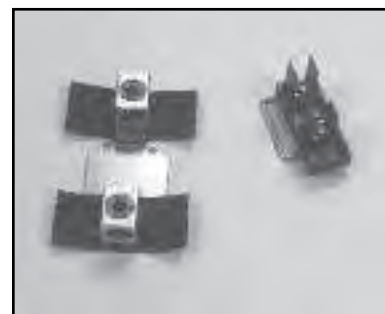


MS5-(5th Jaw)

1 Midwest Electric
manufactured meter
socket only.
- mounts in 3 o'clock &
9 o'clock positions
- used as grounding
device



MSBN1A
























































MSBN4

For models manufactured prior to 1984 Consult Manufacturer for replacement socket.





NEMA Receptacle Configurations

The configurations shown below all comply with National Electrical Manufacturers Association (NEMA) standards. These configurations represent a significant breakthrough on insuring the proper application and use of wiring devices to safeguard against accidents.

This breakthrough was accomplished with the completion of a systematic grouping of non-interchangeable general purpose receptacle and plug configurations. Use of NEMA's unique configuration design for standard usage current and voltage ratings reduce the unsafe interchangeability of devices which existed prior to their adoption.

STRAIGHT BLADE							LOCKING				
	VOLTAGE		15 AMPERE	20 AMPERE	30 AMPERE	50 AMPERE	60 AMPERE		15 AMPERE	20 AMPERE	30 AMPERE
2-Pole 3-Wire Grounding	125V	5		 5-20R	 5-30R	 5-50R		L-5	 L5-20R	 L5-30R	
	250V	6		 6-20R	 6-30R	 6-50R		L-6	 L6-20R	 L6-30R	
	277V AC	7		 7-20R	 7-30R	 7-50R		L-7	 L7-20R	 L7-30R	
	480V AC	8	(Reserved for Future Configurations)					L-8	 L8-20R	 L8-30R	
	600V AC	9	(Reserved for Future Configurations)					L-9	 L9-20R	 L9-30R	
3-Pole 3-Wire	125/250V	10		 10-20R	 10-30R R-33	 10-50R R-53		L-10	 L10-20R	 L10-30R	
	3Ø250V	11		 11-20R	 11-30R	 11-50R		L-11	 L11-20R	 L11-30R	
	3Ø480V	12	(Reserved for Future Configurations)					L-12	 L12-20R	 L12-30R	
	3Ø600V	13	(Reserved for Future Configurations)					L-13	 L13-30R		
3-Pole 4-Wire Grounding	125/250V	14		 14-20R	 14-30R R-34	 14-50R R-54-U	 14-60R	L-14	 L14-20R	 L14-30R	
	3Ø250V	15		 15-20R	 15-30R	 15-50R	 15-60R	L-15	 L15-20R	 L15-30R	
	3Ø480V	16	(Reserved for Future Configurations)					L-16	 L16-20R	 L16-30R	
	3Ø600V	17	(Reserved for Future Configurations)					L-17	 L17-30R		
	3ØY 120/208V	18		 18-20R	 18-30R	 18-50R	 18-60R R-54	L-18	 L18-20R	 L18-30R	

Other Receptacles

CONFIGURATION	VOLTAGE	AMPERAGE	DESCRIPTION
	125/250	20	7310
	125	30	R32U - Travel Trailer Use Only (ANSI C73.13-1972)
	125/250	50	L6-50R (63CM69) Twist Lock - 2 pole 3 wire
	125	50	L5-50R (63CM70) Twist Lock - 3 pole 4 wire

Application Data



Allowable Ampacities of Insulated Conductors Rated 0 through 2000 Volts, 60°C to 90°F (140° to 194°F) Not More Than Three Current-Carrying Conductors in Raceway or Cable or Earth (Directly Buried), Based on Ambient Temperature of 30°C (86°F)

SIZE AWG kcmil	TEMPERATURE RATING OF CONDUCTOR						SIZE AWG kcmil
	60°C (140°F)	75°C (167°F)	90°C (194°F)	60°C (140°F)	75°C (167°F)	90°C (194°F)	
	TYPES TW=, UF=	TYPES FEPW=, RH=, RHW=, THHW=, THW=, THWN=, XHHW=, USE=, ZW=	TYPES TBS, SA, SIS, FEP=, FEPB=, MI, RHH=, RHW-2, THHN=, THHW=, THW-2=, THWN-2=, USE-2, XHH, XHHW=, XHHW-2, ZW-2	TYPES TW=, UF=	TYPES RH=, RHW=, THHW=, THW=, THWN=, XHHW=, USE=	TYPES TBS, SA, SIS, THHN=, THHW=, THW-2, THWN-2, RHH=, RHW-2, RHH=, RHW-2, USE-2, XHH, XHHW, XHHW-2, ZW-2	
COPPER			ALUMINUM OR COPPER-CLAD ALUMINUM				
18	.....	.....	14	.....	.....	.....	.....
16	.....	.....	18	.....	.....	.....	.....
14	20=	20=	25=	.....	.....	.....	.....
12	25=	25=	30=	20=	20=	25=	12
10	30	35=	40=	25	30=	35=	10
8	40	50	55	30	40	45	8
6	55	65	75	40	50	60	6
4	70	85	95	55	65	75	4
3	85	100	110	65	75	85	3
2	95	115	130	75	90	100	2
1	110	130	150	85	100	115	1
1/0	125	150	170	100	120	135	1/0
2/0	145	175	195	115	135	150	2/0
3/0	165	200	225	130	155	175	3/0
4/0	195	230	260	150	180	205	4/0
250	215	255	290	170	205	230	250
300	240	285	320	190	230	255	300
350	260	310	350	210	250	280	350
400	280	335	380	225	270	305	400
500	320	380	430	260	310	350	500
600	355	420	475	285	340	385	600
700	385	460	520	310	375	420	700
750	400	475	535	320	385	435	750
800	410	490	555	330	395	450	800
900	435	520	585	355	425	480	900
1000	455	545	615	375	445	500	1000
1250	495	590	665	405	485	545	1250
1500	520	625	705	435	520	585	1500
1750	545	650	735	455	545	615	1750
2000	560	665	750	470	560	630	2000

CORRECTION FACTORS

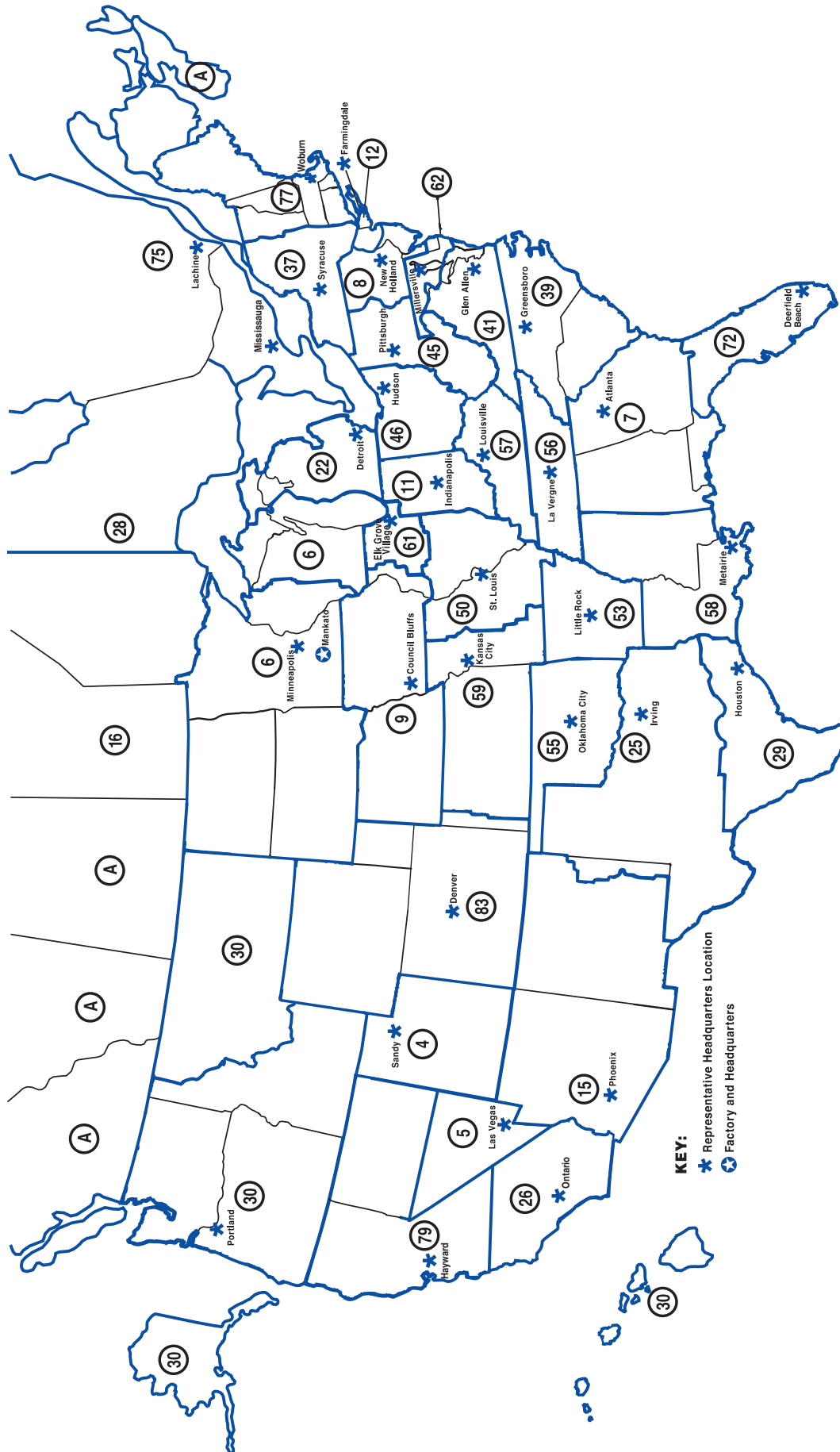
Ambient Temp. C	For ambient temperatures other than 30°C (86°F), multiply the allowable ampacities shown above by the appropriate factor shown below.						Ambient Temp. F
21 25	1.08	1.05	1.04	1.08	1.05	1.04	70 77
26 30	1.00	1.00	1.00	1.00	1.00	1.00	78 86
31 35	.91	.94	.96	.91	.94	.96	87 95
36 40	.82	.88	.91	.82	.88	.91	96 104
41 45	.71	.82	.87	.71	.82	.87	105 113
46 50	.58	.75	.82	.58	.75	.82	114 122
51 55	.41	.67	.76	.41	.67	.76	123 131
56 60	.....	.58	.71	.....	.58	.71	132 140
61 70	.....	.33	.58	.....	.33	.58	141 158
71 80	.....	.....	.41	.....	.....	.41	159 176

= Unless otherwise specifically permitted elsewhere in this Code, the overcurrent protection for conductor types marked with an obelisk (≡) shall not exceed 15 amperes for No. 14-20 amperes for No. 12 and 30 amperes for No. 10 copper or 15 amperes for No. 12 and 25 amperes for No. 10 aluminum and copper-clad aluminum after any correction factors for ambient temperature and number of conductors have been applied

Approximate Voltage Drop (Copper Conductor)

Wire Size AWG or MCM	Per Ampere Per 100 feet 80% Power Factor	
	Single Phase	Three Phase
14	4762	4167
12	3125	2632
10	1961	1677
8	1250	1087
6	0833	0714
4	0538	0463
3	0431	0379
2	0370	0323
1	0323	0278
0	0269	0231
00	0222	0196
000	0190	0163
0000	0161	0139
250	0147	0128
300	0131	0114
350	0121	0106
400	0115	0091
500	0101	0088
600	0094	0082
700	0089	0077
750	0086	0075
800	0085	0074
900	0081	0071
1000	0079	0069

Rep Offices and Warehouses



KEY:
 * Representative Headquarters Location
 () Factory and Warehouse

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