

Midwest Electric Products

General Products Catalog



Markets



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Introduction

How To Use This Catalog

Midwest Electric Products is pleased to offer our product catalog. Model numbers are illustrated with a layout drawing and data table. (See Fig. 1 as an example.) A technical table (see Fig. 2) at the end of each section shows specific information including replacement parts, cabinet dimensions, enclosure styles and knockout configurations. Also, for quick reference, a Product Index is located on pages 16-1–16-12.

Each of the indexed sections of the catalog are clearly marked with tabs on each page contained within that section.

For quick reference, heads clearly identify model type, amp range and voltage of product group shown.

An easy to understand diagram illustrates the model's internal component configuration.

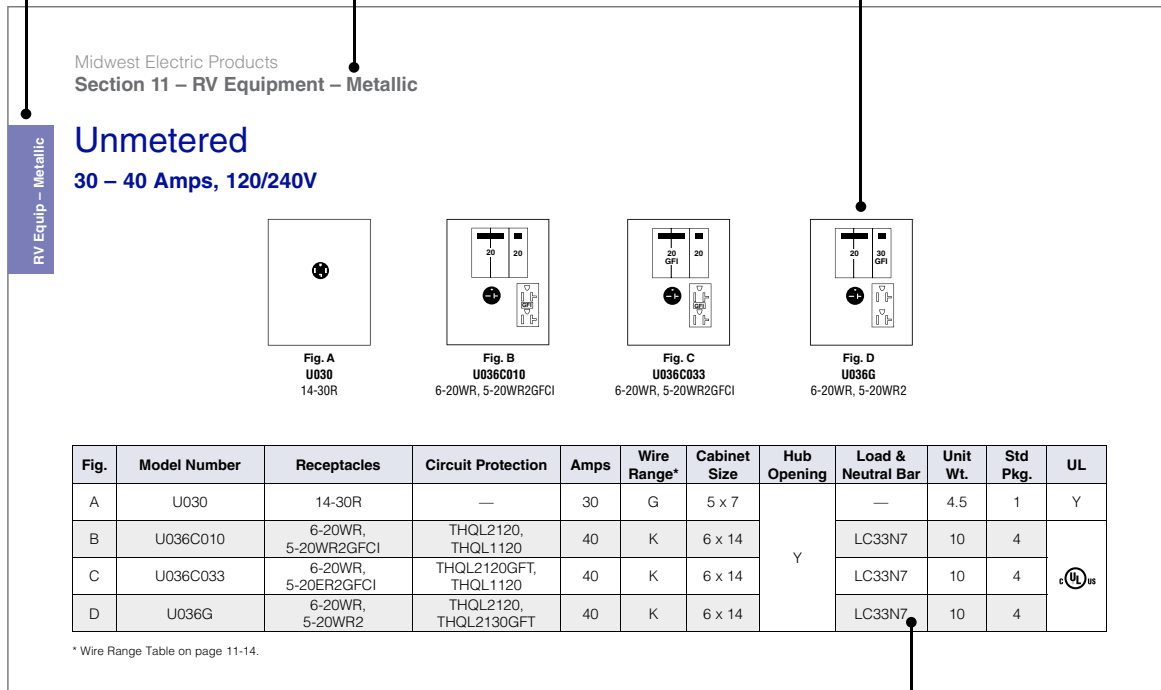


Fig. 1
 Partial catalog page showing model layout drawings and data table.

Each diagram corresponds to defining data in an accompanying table. Tables are arranged in ascending amperage order for each product group and contain all necessary ordering information.

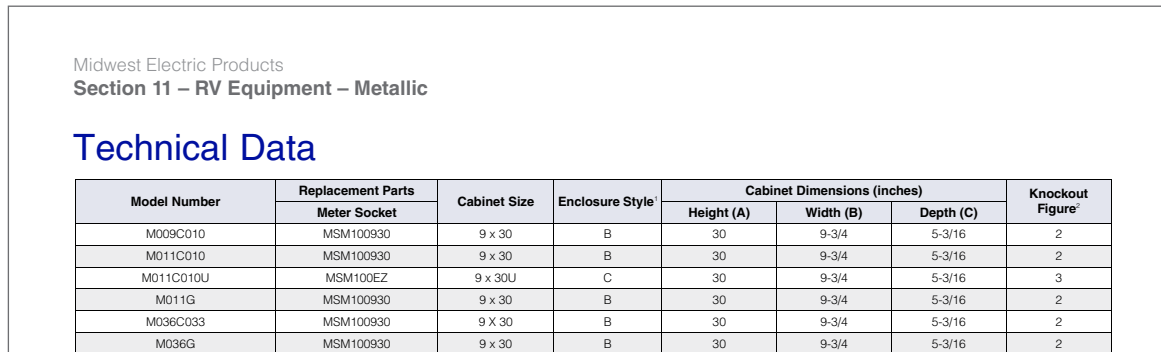
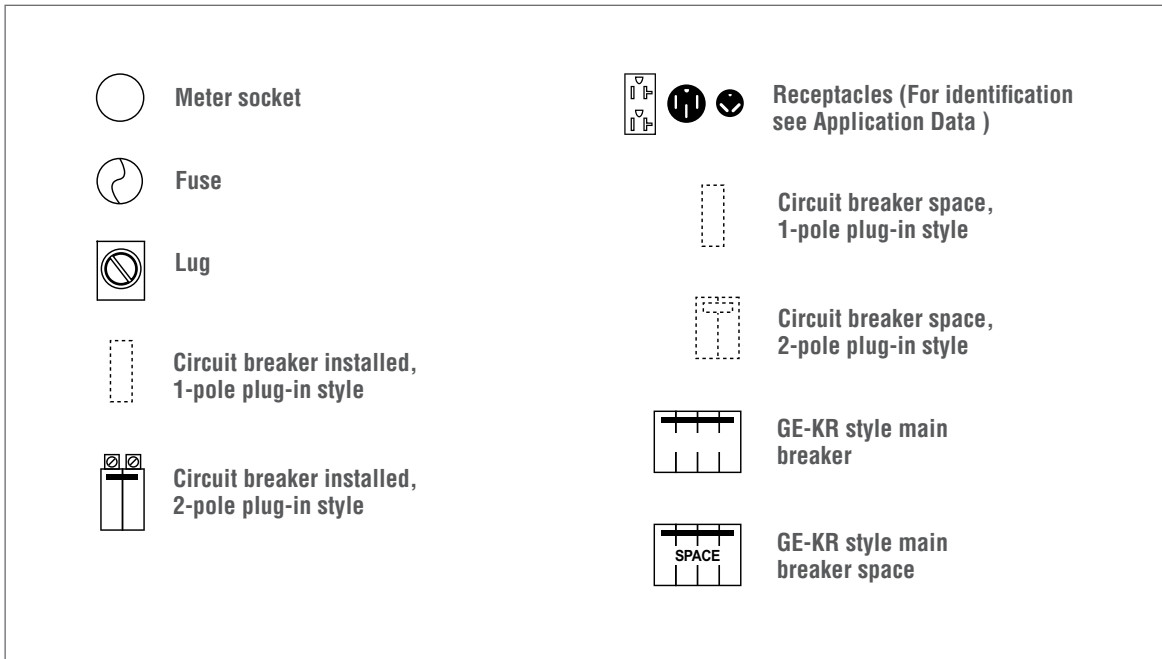


Fig. 2
 Partial catalog page showing a Technical Data table.

Catalog Keys

Model Diagram Symbols



Introduction

Product Features

Surface Unit

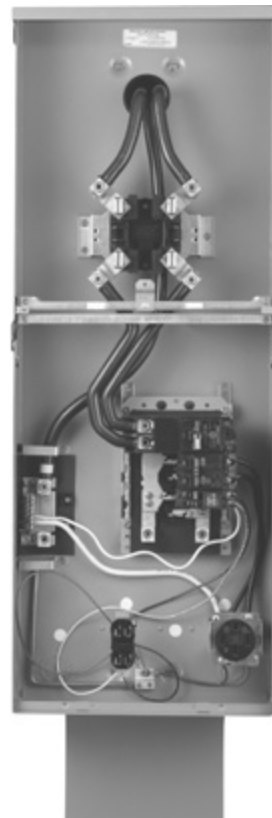
- NEMA 3R weatherproof construction
- G90 galvanized steel construction for superior corrosion resistance
- Durable polyester powder coat finish resists chipping and fading
- All components factory wired and assembled, reducing installation time
- Door removable for installation ease; stay open position for user convenience
- All terminals accept copper or aluminum wire for added installation flexibility
- Wide range of receptacle configurations
- Broad range of concentric knockouts to accommodate varied wiring needs
- All units with factory installed Cu/Al equipment ground lug
- Dead front construction prevents accidental contact with live parts
- Padlock provision to prevent unauthorized access
- Rolled edge door for cord protection
- Conforms to NEC and NEMA standards



U055C010

Pedestal Unit

- NEMA 3R weatherproof construction
- G90 galvanized steel construction for superior corrosion resistance
- Durable polyester powder coat finish resists chipping and fading
- 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
- Loop-feed terminals for maximum flexibility
- Single or double cabinet posts for fast and economical multiple site applications
- Barriers available for line, load and meter socket isolation
- Utility accepted meter sealing accommodations
- Pad mount posts available
- Dead front construction prevents accidental contact with live parts
- Padlock provision to prevent unauthorized access
- Rolled edges on all post wire entry points
- Conforms to NEC and NEMA standards



M255GP6

Section 1

Service Equipment



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. 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. 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

- Rated for use as service equipment
- NEMA 3R weatherproof enclosure
- G90 galvanized steel construction for superior corrosion protection
- Durable polyester powder coat finish resists chipping and fading
- Metered and unmetered construction available up to 200 Amps
- All-in-one construction available up to 400 Amps
- Available in surface or pedestal mount construction
- Segregated meter compartment for utility power protection
- Weather resistant and tamper resistant GFCI receptacles
- Horn bypass comes standard on ringless metered units
- Cu/Al rated field terminations
- Factory installed Cu/Al equipment ground lug
- Padlock provision to prevent unauthorized entry
- UL Listed (Panelboards No. 67)



Post Models

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

Metered

Surface, 100 Amps, 120/240V

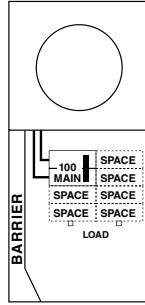


Fig. A
M101CB2, R101CB2ETG
Series

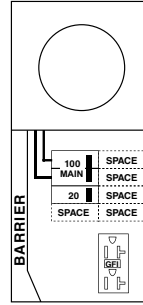


Fig. B
R101CB2010
Series

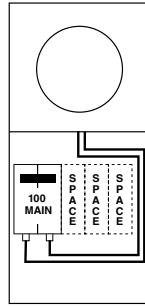


Fig. C
M101C, R101C
Series

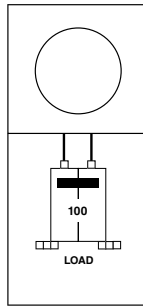


Fig. D
R100T
Series

Overhead/Underground Feed

Fig.	Model Number		Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL and Utility Approved
	Ring Type	Ringless									
A	M101CB2	R101CB2ETG	THQL21100	100	6	AN	14 x 26	LC88PC	38	1	UL, ETG
B	—	R101CB2010	THQL21100, THQL1120	100	5						UL

Overhead Feed

Fig.	Model Number		Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless									
C	M101C ¹	R101C	THQL21100	100	3	AB	9 x 30	LC55N1	25	1	Y
D	—	R100T ²	CBT2102	100	0	AB	9 x 30	LC32X1	24		

¹ Available with copper wire, order M101CC.

² "Triple-Tap" - 3 load lugs per phase.

* Wire Range Table on page 1-24.

Metered

Surface, Side-by-Side, 125 – 150 Amps, 120/240V

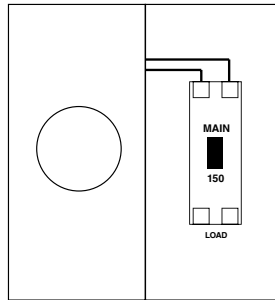


Fig. A
RS150C, RS150CGP
 Series

Overhead/Underground Feed

Fig.	Model Number		Circuit Protection ¹	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL and Utility Approved
	Ring Type	Ringless									
A	—	RS150C, RS150CGP	CBA2A42150	150	0	BC	17 x 26	—	41	1	UL

¹ Models shipped before March 2021 provided with 200A THQD22200WL or 150A THQD22150WL breakers (obsolete).

Surface, 150 Amps, 120/240V

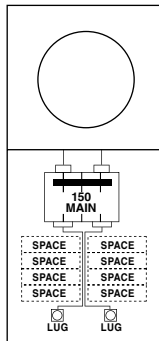


Fig. B
R158CR2TLFNG
 Series

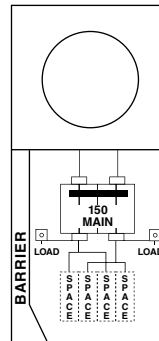


Fig. C
M181CB1, M181CB1GP, R181CB1
 Series

Overhead/Underground Feed

Fig.	Model Number		Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL and Utility Approved
	Ring Type	Ringless									
B	—	R158CR2TLFNG	THQMV150	150	8	ZZ	14 x 32	—	58	1	UL, MEG
C	M181CB1, M181CB1GP	R181CB1	THQMV150WL	150	4	BG	14 x 28	LCTL, LCTL2 ¹ + LCBS	34	1	UL

¹ LCTL2 model is provided with bus bar mounting studs versus screw type beginning September 2022

* Wire Range Table on pages 1-25–1-26.

Metered

Surface, Side-by-Side, 200 Amps, 120/240V

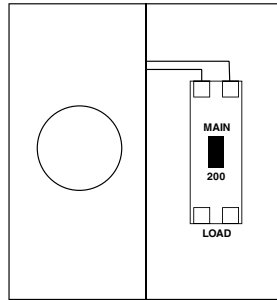


Fig. A
MS250C, RS250C, RS250CGP
 Series

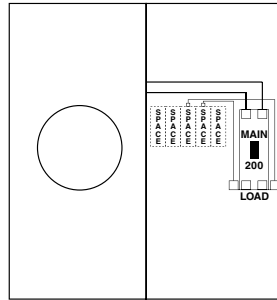


Fig. B
RS251C
 Series

Overhead/Underground Feed

Fig.	Model Number		Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL and Utility Approved
	Ring Type	Ringless									
A	MS250C	RS250C, RS250CGP ¹	CBA2A42200	200	0	BC	17 x 26	—	41	1	UL
B	—	RS251C	CBA2A42200	200	5	BC	17 x 26	LC55N1	41		

¹ GP models not available with barrel lock.
 * Wire Range Table on pages 1-25-1-26.

Metered

Surface, 200 Amps, 120/240V

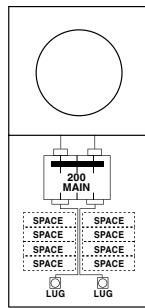


Fig. A
R208CR2TLFVG
Series

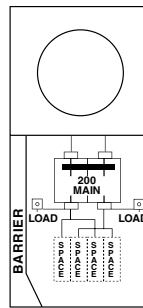


Fig. B
M281CB1, R281CB1, R281CB1ETG,
Series

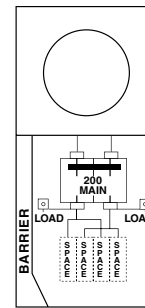


Fig. B
R281CB1AEP, R281CB1GP
Series

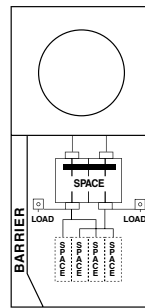


Fig. C
M281EB1
Series

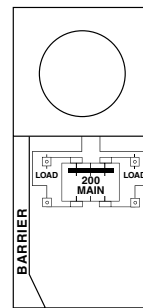


Fig. D
R283CB1, R283CB1AP
Series

Overhead/Underground Feed

Fig.	Model Number		Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL and Utility Approved
	Ring Type	Ringless									
A	—	R208CR2TLFVG	THQMV200	200	8	ZZ	14 x 28	—	47	1	UL, MEG
B	M281CB1 ¹	R281CB1, ^{1,3} R281CB1AEP, R281CB1ETG, ^{1,4} R281CB1GP ²	THQMV200WL	200	4 or 8 ¹	BK	14 x 28	LCTNL, LCTNL2 ⁵ + LCBS	34		UL, AEP, ETG
C	M281EB1	—	—	200	5	BK	14 x 28	LCTNL, LCTNL2 ⁵ + LCBS	33		UL
D	—	R283CB1	THQMV200WL	200	0	BK	14 x 28	—	33		UL
D	—	R283CB1AP	THQMV200WL	200	0	BJ	14 x 28	—	34		UL

¹ With Tandem Circuit Breakers, 8 spaces are available on models M281CB1, R281CB1 and R281CB1ETG.

² GP models not available with barrel lock.

³ Available with barrel lock – R281CB1LK.

⁴ Model is designed as Bottom/Underground Feed only.

⁵ LCTL2 and LCTNL2 models are provided with bus bar mounting studs versus screw type beginning September 2022.

* Wire Range Table on pages 1-24–1-26.

Metered

Surface, 200 Amps, 120/240V

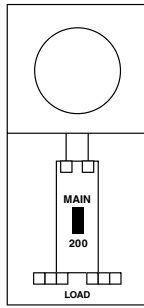


Fig. A
R200T
Series

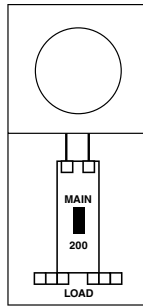


Fig. C
R280T
Series

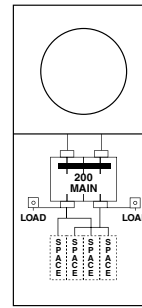


Fig. D
M281C1, R281C1
Series

Overhead Feed

Fig.	Model Number		Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless									
A	—	R200T ¹	CBA2A22200TT	200	0	AF	14 x 38	—	42	1	Y
C	—	R280T ^{1,2}	CBA2A22200TT	200	0	BD	9 x 32	—	32		
D	M281C1	R281C1	THQMV200WL	200	4	BK	9 x 30	LCTL, LCTL2 ³ + LCBS	26		

¹ "Triple-Tap" – 3 load lugs per phase.

² Available with earth burial post – R280TP6HP.

³ LCTL2 model is provided with bus bar mounting studs versus screw type beginning September 2022.

* Wire Range Table on pages 1-24–1-25.

Unmetered

Surface, 100 Amps, 120/240V

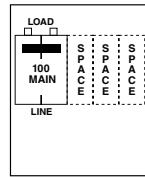


Fig. A
U101C
 Series

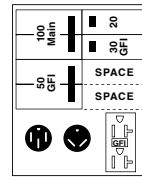


Fig. B
U175MCTL033
 R54UWR, R32UWR,
 5-20WR2GFCI

Fig.	Model Number	Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
A	U101C	THQL21100	100	3	Z	9 x 17	LC55N1	15	1	Y
B	U175MCTL033	THQL21100, THQL2150GFT2, THQL1130GFT, THQL1120	100	2	X	14 x 21	—			

* Wire Range Table on page 1-26.

Unmetered

Surface, 150 – 200 Amps , 120/240V

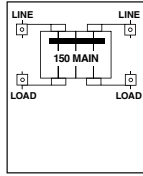


Fig. A
U180C1
 Series

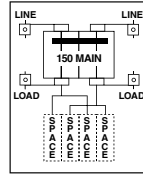


Fig. B
U181C1
 Series

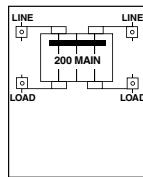


Fig. C
U280C1
 Series/Parallel

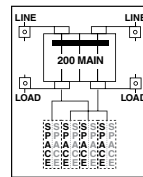


Fig. D
U281C1
 Series

Fig.	Model Number	Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
A	U180C1	THQMV150WL	150	—	AW	9 x 21	LCTL, LCTL2 ³ + LCBNS	15	1	cULus
B	U181C1	THQMV150WL	150	4	AX	9 x 21	LCTL, LCTL2 ³ + LCBS	21		Y
C	U280C1 ¹	THQMV200WL	200	0	BF	9 x 21	LCTL, LCTL2 ³ + LCBNS	18.2		cULus
D	U281C1	THQMV200WL	200	4 or 8 ²	BG	9 x 21	LCTL, LCTL2 ³ + LCBS	18.7		Y

¹ Series or parallel wired.

² With Tandem Circuit Breakers, 8 spaces are available.

³ LCTL2 model is provided with bus bar mounting studs versus screw type beginning September 2022.

* Wire Range Table on pages 1-24-1-25.

All-In-One

400 Amps

- Rated 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, 22kAIC bus bracing, and 100% neutral terminations. Feed-through lugs provided on load centers with main breakers.
- 320A 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
- Factory installed flange for easy semi-flush or surface installation
- NEMA 3R weatherproof enclosures
- G90 galvanized steel construction for superior corrosion protection
- Durable polyester powder coat finish resists chipping and fading
- Underground feed only, series wired, 240V single phase, and branch circuits accept combinations up to 200A
- Fifth jaw optional - order Model # MS5MIL
- Line side 1/2" stud termination provided, however, crimp-on/connector lug not provided by Midwest
- Bottom feed only – no hub provision

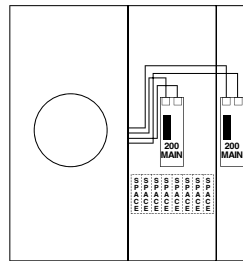


Fig. A
MS45508C
CBA2N22200, CBA2N42200

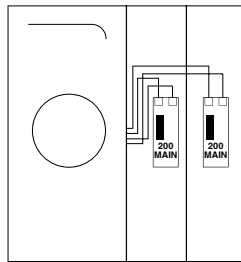


Fig. B
RS45500C
CBA2N42200

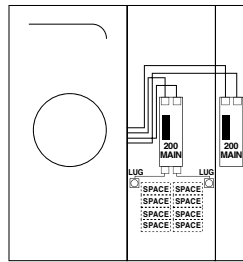


Fig. C
RS45508C, RS45508CGP
CBA2N22200, CBA2N42200

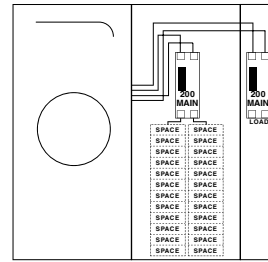


Fig. D
RS45524CFMG
CBA2N22200, CBA2N42200

Fig.	Model Number		Circuit Protection ¹		OCP Device Rating (Amps)		Amps	Spaces (Max. 1")	Wire Range*	Cabinet Size	Hub Opening	Load Center	Unit Wt.	Std Pkg.	UL and Utility Approved
	Ring Type	Ringless – Lever Bypass	1	2	1	2									
A	MS45508C	—	CBA2N22200	CBA2N42200	200	200	400	8	400 Amps	31 x 40	N	8 Circuits	105	1	UL
B	—	RS45500C	CBA2N42200	CBA2N42200	200	200	400	—		31 x 33		—	95		UL, MEG
C	—	RS45508C, RS45508CGP	CBA2N22200	CBA2N42200	200	200	400	8		31 x 40		8 Circuits	105		UL, MEG, GP
D	—	RS45524CFMG	CBA2N22200	CBA2N42200	200	200	400	24	ZB	33 x 40		—	105		UL, MEG

¹ Models shipped before May 2021 provided with 200A THQD22200WL or 150A THQD22150WL breakers (obsolete).
* Wire Range Table on page 1-26.

Metered

Pedestal, 100 Amps, 120/240V

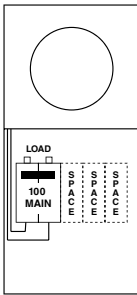


Fig. A
M101CP6, R101CP6
Series

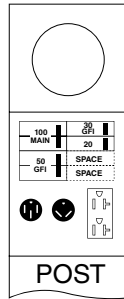


Fig. B
M175MCP6033, R175MCP6033
R54UWR, R32UWR, 5-20R2GF1WR

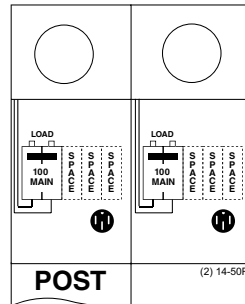


Fig. C
R101CB6
Series

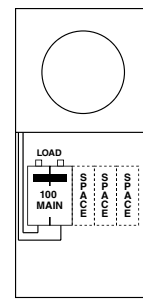


Fig. D
M101CP6HP, R101CP6HP
Series

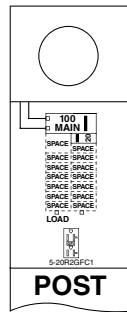


Fig. E
M108CP6HP010
Series

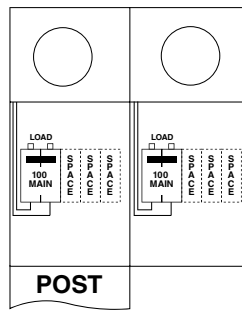


Fig. F
R101CB6HP
Series

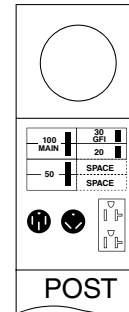


Fig. G
M175MCP6010FMG, R175MCP6010FMG
BR54UWR, R32UWR, 5-20WR2GF1

Inline Post

Fig.	Model Number		Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless									
A	M101CP6 ¹	R101CP6 ²	THQL21100	100	3	T2	9PT	LC55N1	59	1	Y
B	M175MCP6033	R175MCP6033	THQL21100	100	2	T2	9PT	—	60		

Back-to-Back Inline Post

Fig.	Model Number		Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless									
C	—	R101CB6	THQL21100	100	3	T2	9PT	LC55N1	82	1	Y

Head Post

Fig.	Model Number		Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless									
D	M101CP6HP ³	R101CP6HP	THQL21100	100	3	S	9HP	LC55N1	80	1	Y
E	M108CP6HP010	—	THQL1120GFT	100	14	U	9HP	—	78		

Back-to-Back Head Post

Fig.	Model Number		Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless									
F	—	R101CB6HP	THQL21100	100	3	S	9HP	LC55N1	110	1	Y

Earth Burial, Service Entrance Rated

Fig.	Model Number		Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless									
G	M175MCP6010FMG	R175MCP6010FMG	THQL21100, THQL2150 THQL1130GFT, THQL1120, (2) Space THQL1120	100	2	T3	9PT	LC55N1		1	UL, MEG

¹ Available in Ring Type, copper wire - M101CP6C.

² Available in Ringless Type, pad mount - R101CP4.

³ Available with GFCI duplex receptacle in Ring Type only - M101CP6HP010.

* Wire Range Table on pages 1-25-1-26.

Data subject to change without notice.

Metered

Pedestal, 200 Amps, 120/240V

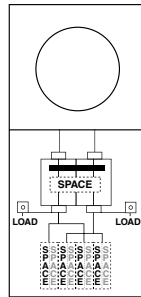


Fig. A
M281C1P6H, R281C1P6H
 Series

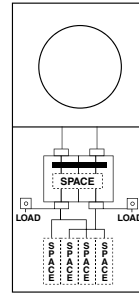


Fig. B
M281E1P6H, R281E1P6H
 Series

Inline and Head Post

Fig.	Model Number		Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless									
A	M281C1P6H ^{1,2,3}	R281C1P6H ²	THQMV200WL	200	4 or 8 ⁵	S	6H	LCTNL, LCTNL2 ⁴ + LCBS	68	1	Y
B	M281E1P6H	R281E1P6H	—	200	5	S	6H	LCTNL, LCTNL2 ⁴ + LCBS	67		

¹ Available with GFCI Receptacle installed – M281C1P6H010.

² Available in Ring Type with stud termination and copper wire - R281C1S6HC.

³ Available with foot base factory installed - M281C1P6HFB.

⁴ LCTL2 and LCTNL2 models are provided with bus bar mounting studs versus screw type beginning September 2022.

⁵ With Tandem Circuit Breakers, 8 spaces are available.

* Wire Range Table on pages 1-25–1-26.

Metered

Pedestal, 200 Amps, 120/240V

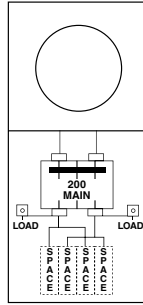


Fig. A
M281C1B6H, R281C1B6H
Series

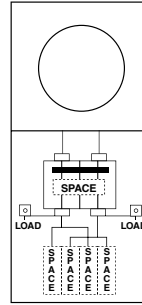


Fig. B
R281E1B6H
Series

Back-to-Back Head Post

Fig.	Model Number		Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless									
A	M281C1B6H	R281C1B6H	THQMV200WL	200	4	S	6H	LCTNL, LCTNL2 ¹ + LCBS	101	1	Y
B	—	R281E1B6H	—	200	5						

¹ LCTNL2 model is provided with bus bar mounting studs versus screw type beginning September 2022.

Unmetered

Pedestal, 100 – 200 Amps, 120/240V

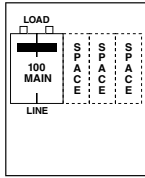


Fig. C
U101CP6
Series

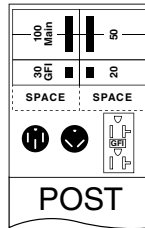


Fig. D
U175CP6HP010
BR54UWR, BR32UWR, 5-20R2GFCIWR

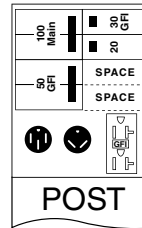


Fig. E
U175MCP6033
R54UWR, R32UWR, 5-20R2GFCIWR

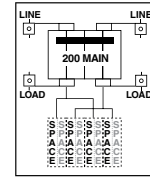


Fig. F
U281C1P6H
Series

Fig.	Model Number	Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
C	U101CP6	THQL21100	100	3	T2	9PT	LC55N1	80	1	Y
D	U175CP6HP010	THQL21100, THQL2150, THQL1130GFT, THQL1120	100	2	WA	14PT	198B8627G14	89		Y ³
E	U175MCP6033	THQL21100, THQL2150GFT2, THQL1130GFT, THQL1120	100	2	WA	9PT	—	—		Y
F	U281C1P6H	THQMV200WL	200	4 or 8 ²	S	6H	LCTL, LCTL2 + LCBS	62		

¹ LCTL2 model is provided with bus bar mounting studs versus screw type beginning September 2022.

² With Tandem Circuit Breakers, 8 spaces are available

³ cULus approved.

* Wire Range Table on pages 1-25-1-26.

Metered Lever Bypass

Pedestal, Ringless, Surface, 100 – 200 Amps, 120/240V, 5 Terminals (5th in 9 o'clock position)

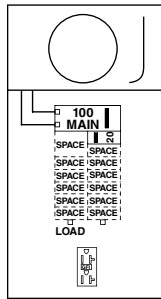


Fig. A
R108CP6HP034
Series

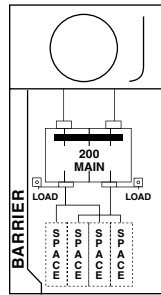


Fig. B
R281CB1034
Series

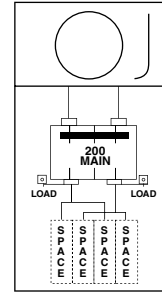


Fig. C
R281C1034
Series

Underground Feed

Fig.	Model Number	Circuit Protection	Amps	Spaces	Phase	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
A	R108CP6HP034	THQL21100	100	12	1	BH	14 x 34	—	79	1	Y

Overhead and Underground Feed

Fig.	Model Number	Circuit Protection	Amps	Spaces	Phase	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
B	R281CB1034	THQMV200WL	200	4	1	BK	14 x 32	LCTL, LCTL2 ¹ + LCBS			

Overhead Feed

Fig.	Model Number	Circuit Protection	Amps	Spaces	Phase	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
C	R281C1034	THQMV200WL	200	4	1	BK	14 x 32	LCTL, LCTL2 ¹ + LCBS	38.4	1	Y

¹ LCTL2 model is provided with bus bar mounting studs versus screw type beginning September 2022.

* Wire Range Table on page 1-25.

Metered Lever Bypass

Pedestal, Ringless, 200 - 400 Amps, 120/240V, Five Terminals (fifth in nine o'clock position)

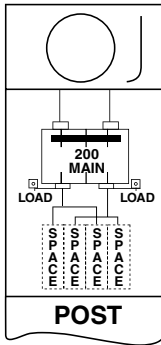


Fig. A
R281C1P6H034
Series

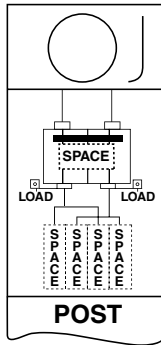


Fig. B
R281E1P6H034
Series

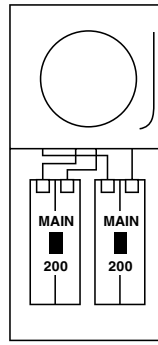


Fig. C
R455CP6034
Series

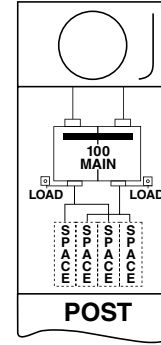


Fig. D
R481C1P6H034
Series

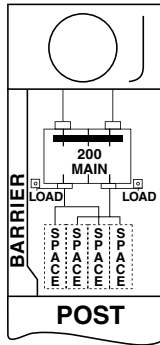


Fig. E
R281C1B6H034
Series

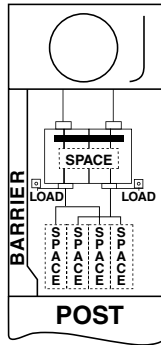


Fig. F
R281E1B6H034
Series

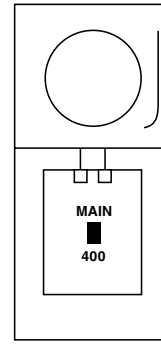


Fig. G
R400P6034
Series

Single-Sided

Fig.	Model Number	Circuit Protection	Amps	Spaces	Phase	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
A	R281C1P6H034	THQMV200WL	200	4	1	S	6H034	LCTL, LCTL2 ⁴ + LCBS	83.5	1	Y
B	R281E1P6H034	—	200	4		S	6H034	LCTL, LCTL2 ⁴ + LCBS	83.5		
C	R455CP6034* ¹	(2) CBA2A42200	400	0		VA	13x21	—	60.5		
D	R481C1P6H034 ^{2,3}	THQL21100	200	4		S	6H034	LCTL, LCTL2 ⁴ + LCBS	83.5		

Back-to-Back

Fig.	Model Number	Circuit Protection	Amps	Spaces	Phase	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
E	R281C1B6H034	THQMV200WL	200	4	1	S	6H034	LCTL, LCTL2 ⁴ + LCBS	114	1	Y
F	R281E1B6H034	—									

Without Breaker

Fig.	Model Number	Circuit Protection	Amps	Spaces	Phase	Wire Range*	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL and Utility Approved
G	R400P6034*	—	400	—	1	SS	13x64	—	79	1	UL, CHECHA

* All metered lever bypass models include a fifth jaw in the nine o'clock position except for R455CP6034 and R400P6034 only which have four terminals.

¹ R455CP6034 order fifth jaw kit, MS5ML, separately.

² R481C1P6H034 rated at 100A and 10kAIC (100A Breaker, 200A Meter Socket).

³ Available in camo green paint – add "G" after model number.

⁴ LCTL2 model is provided with bus bar mounting studs versus screw type beginning September 2022.

* Wire Range Table on pages 1-25–1-26.

Data subject to change without notice.

Technical Data

Model Number	Replacement Parts		Cabinet Size	Enclosure Style ²	Cabinet Dimensions (inches)			Knockout Figure ³	Hub	kAIC
	Meter Socket	Post Lugs			Height (A)	Width (B)	Depth (C)			
M101C	MSM100930	—	9 x 30	C	30	9-3/4	5-3/16	3	Y	10
M101CC	MSM100930	—	9 x 30	C	30	9-3/4	5-3/16	3	Y	10
M101CB2	MW200M	—	14 x 26	D	26-1/4	14-1/4	4-9/16	6	Y	10
M101CP6	MSM100P9	LT100S350	9PT	See page 1-21					N	10
M101CP6C	MSM100P9	LT200B350	9PT	See page 1-21					N	10
M101CP6HP	MSM100P9	LT100S350	9HP	See page 1-21					N	10
M101CP6HP010	MSM100P9	LT200S350	9HP	See page 1-21					N	10
M108CP6HP010	MW200M	LT200S350	14HP	See page 1-21					N	10
M175MCP6010FMG	MSR100P9	LT200B350	9PT	See page 1-21					N	10
M175MCP6033	MSM100P9	—	9PT	See page 1-21					N	10
M181CB1	MSMS1 ¹	—	14 x 28	D	28-5/8	14-3/8	4-3/4	6	Y	22
M181CB1GP	MSMS1 ¹	—	14 x 28	D	28-5/8	14-3/8	4-3/4	6	Y	22
M281C1	MSMS	—	9 x 30	D	30-1/4	9-5/16	4-3/4	12	Y	22
M281C1B6H	MSMP	LT200B350	6H	See page 1-22					N	22
M281C1P6H	MSMP	LT200S350	6H	See page 1-22					N	22
M281C1P6H010	MSMP	LT200S350	6H	See page 1-22					N	22
M281C1P6HFB	MSMP	LT200S350	6H	See page 1-22					N	22
M281CB1	MSMS1 ¹	—	14 x 28	D	28-5/8	14-3/8	4-3/4	13	Y	22
M281E1P6H	MSMP	LT200S350	6H	See page 1-22					N	22
M281EB1	MSMS1 ¹	—	14 x 28	D	30-1/4	9-5/16	4-3/4	13	Y	22
MS250C	198B8601G11	—	16 x 17	E	17-1/4	16-3/4	5	9	Y	10
MS45508C	265A5264P2	—	31 x 33	E	33-1/10	30-1/2	6-1/10	See page 1-20	N	22
R100T	MSR100930	—	9 x 30	C	30	9-3/4	5-3/16	3	Y	10
R101C	MSR100930	—	9 x 30	C	30	9-3/4	5-3/16	3	Y	10
R101CB2	MW200R	—	14 x 26	D	26-1/4	14-3/4	4-9/16	6	Y	10
R101CB2010	MW200R	—	14 x 26	D	26-1/4	14-3/4	4-9/16	6	Y	10
R101CB2ETG	MW200R	—	14 x 26	D	26-1/4	14-3/4	4-9/16	6	Y	10
R101CB2LK	MW200R	—	14 x 26	D	26-1/4	14-3/4	4-9/16	6	Y	10
R101CB6	MSR100P9	LT100B350	9PT	See page 1-21					N	10

¹ Models prior to April 2004 use MSMS.

² Enclosure Styles on page 1-19.

³ Knockout Figures on pages 1-19–1-20.

Technical Data

Model Number	Replacement Parts		Cabinet Size	Enclosure Style ²	Cabinet Dimensions (inches)			Knockout Figure ⁴	Hub	kAIC
	Meter Socket	Post Lugs			Height (A)	Width (B)	Depth (C)			
R101CB6HP	MSR100P9	LT200B350	9HP	See page 1-21					N	10
R101CP4	MSR100P9	LT100S350	9PT	See page 1-21					N	10
R101CP6	MSR100P9	LT100S350	9PT	See page 1-21					N	10
R101CP6HP	MSR100P9	LT200S350	9HP	See page 1-21					N	10
R108CP6HP034	265A5264P8	265A6216G65	14 x 83	See page 1-22					N	10
R158CR2TLFMG	198B8601G90	—	14 x 32	D	31-4/5	14-1/2	4-7/10	18	Y (2)	22
R175MCP6010FMG	MSR100P9	LT200B350	9PT	See page 1-21					N	10
R181CB1	MSRS	—	14 x 28	D	28-1/2	14-3/10	4-4/5	6	Y	10
R181CB1GP	MSRS	—	14 x 28	E	31-7/10	14-1/2	4-8/10	6	Y	22
R200T	MW200R	—	14 x 38	C	38-3/8	14-3/4	6-3/8	8	Y	10
R208CR2TLFMG	198B8601G90	—	14 x 32	D	31-4/5	14-1/2	4-7/10	18	Y (2)	22
R250CGP	MSRS	—	9PT ¹	See page 1-21					N	10
R280T	MW200R	—	9 x 32	C	32-1/4	9-3/4	5-11/16	4	Y	10
R280TP6HP	MW200R	LT200S350	9HP	See page 24					N	10
R175MCP6033	MSM100P9	—	9PT	See page 21					N	10
R281C1	MSRS	—	9 x 30	D	30-1/4	9-5/16	4-3/4	12	Y	22
R281C1034	265A5264P8	—	14 x 32	D	32-1/2	14-1/2	5-7/16	15	Y	22
R281C1B6H	MSRS	LT200B350	6H	See page 1-22					N	22
R281C1B6H034	265A5264P8	LT200B350	6H034	See page 1-22					N	22
R281C1P6H	MSRS	LT200S350	6H	See page 1-22					N	22
R281C1P6H034	265A5264P8	LT200S350	6H034	See page 1-22					N	22
R281C1S6HC	MSRS	LT200SS	6H	See page 1-22					N	22
R281CB1	MSRS	—	14 x 28	D	28-5/8	14-3/8	4-3/4	13	Y	22
R281CB1034	265A5264P8	—	14 x 28	D	28-5/8	14-3/8	4-3/4	13	Y	22
R281CB1AEP	MSRS	—	14 x 28	D	28-5/8	14-3/8	4-3/4	13	Y	22
R281CB1ETG	MSRS	—	14 x 28	D ³	28-1/2	17-1/2	4-8/10	13	Y	22
R281CB1GP	MSRS	—	14 x 28	E	31-7/10	14-1/2	4-8/10	6	Y	22
R281CB1LK	MSRS	—	14 x 28	D	28-5/8	14-3/8	4-3/4	13	Y	22

¹ Not all models listed. Contact local representative for other models and details.

² Enclosure Styles on page 1-19.

³ Bottom/Underground Feed Only.

⁴ Knockout Figures on pages 1-19–1-20.

Technical Data

Model Number	Replacement Parts		Cabinet Size	Enclosure Style ¹	Cabinet Dimensions (inches)			Knockout Figure ²	Hub	kAIC
	Meter Socket	Post Lugs			Height (A)	Width (B)	Depth (C)			
R281E1B6H	MSRS	LT200B350	6H	See page 1-22					N	22
R281E1B6H034	265A5264P8	LT200B350	6H034	See page 1-22					N	22
R281E1P6H	MSRS	LT200S350	6H	See page 1-22					N	22
R281E1P6H034	265A5264P8	LT200S350	6H034	See page 1-22					N	22
R283CB1	—	—	14 x 28	D	28-5/8	14-3/8	14-3/8	6	Y	22
R283CB1AP	—	—	14 x 28	D	28-5/8	14-3/8	14-3/8	6	Y	22
R400P6034	265A5264P10	—	13 x 64	See page 1-23					N	10
R455CP6034	265A5264P10	—	13 x 21	See page 1-22					N	10
R481C1P6H034	265A5264P8	LT200S350	6H034	See page 1-22					N	22
RS150C	MW200R	—	17 x 26	E	26-1/4	17-1/2	5-1/2	10	Y	10
RS150CGP	MW200R	—	19 x 19	E	18-7/10	18-9/10	5-1/10	9	Y	10
RS250C	MW200R	—	17 x 26	E	26-1/4	17-1/2	5-1/2	10	Y	10
RS250CGP	MW200R	—	19 x 19	E	18-7/10	18-9/10	5-1/10	9	Y	10
RS251C	MW200R	—	17 x 26	E	26-1/4	17-1/2	5-1/2	10	Y	10
RS45500C	265A5264P10	—	31 x 33	E	33-1/10	30-1/2	6-1/10	See page 1-20	N	22
RS45508C	265A5264P10	—	31 x 33	E	33-1/10	30-1/2	6-1/10	See page 1-20	N	22
RS45508CGP	265A5264P10	—	34 x 33	F	33-1/10	34	6-2/5	16	Y	22
RS45524CFMG	265A5264P10	—	30 x 40	E	40-1/10	30-1/2	6-1/4	19	N	22
U101C	—	—	9 x 17	B	17-3/8	9-3/4	5-3/16	3	Y	10
U101CP6	—	LT100S350	9PT	See page 1-21					N	10
U175CP6HP010	—	—	14PT	—	—			—	—	—
U175MCP6033	—	—	9PT	See page 1-21					N	
U175MCTL033	—	—	14 X 21	B	21-2/10	14-3/10	6-1/4	5	Y	
U180C1	—	—	9 x 21	A	21-3/4	9-5/16	4-3/4	11	Y	22
U181C1	—	—	9 x 21	A	21-3/4	9-5/16	4-3/4	11	Y	22
U280C1	—	—	9 x 21	A	21-3/4	9-5/16	4-3/4	11	Y	22
U281C1	—	—	9 x 21	A	21-3/4	9-5/16	4-3/4	11	Y	22
U281C1P6H	—	LT200S350	6H	See page 1-22					Y	22

¹ Enclosure Styles on page 1-19.

² Knockout Figures on pages 1-19–1-20.

Enclosure Styles / Cabinet Dimensions

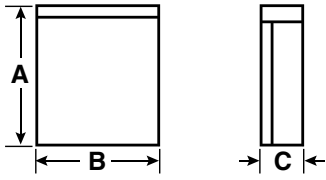


Fig. A

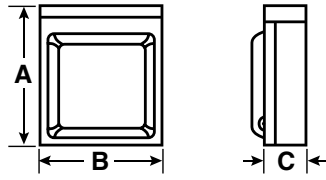


Fig. B

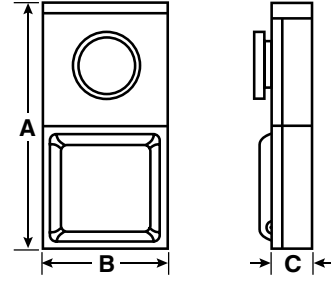


Fig. C

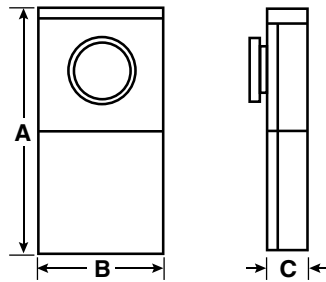


Fig. D

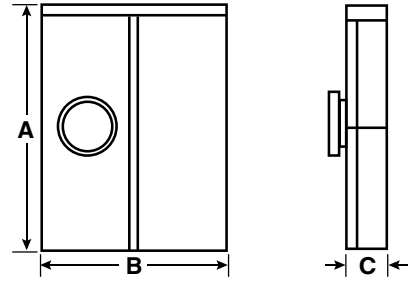


Fig. E

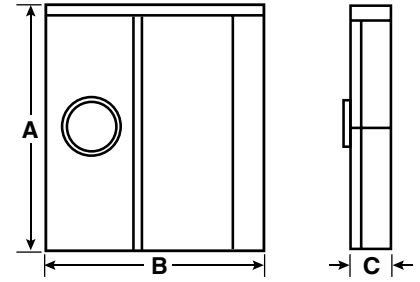


Fig. F

Knockout Configurations

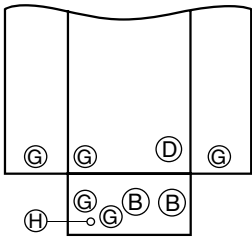


Fig. 1

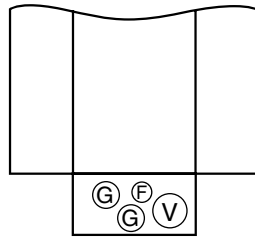


Fig. 2

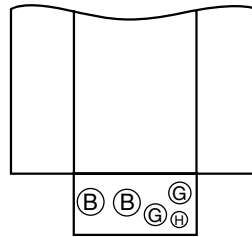


Fig. 3

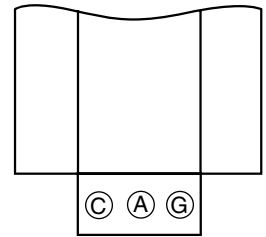


Fig. 4

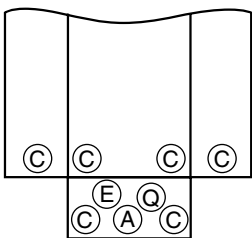


Fig. 5

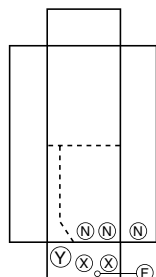


Fig. 6

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

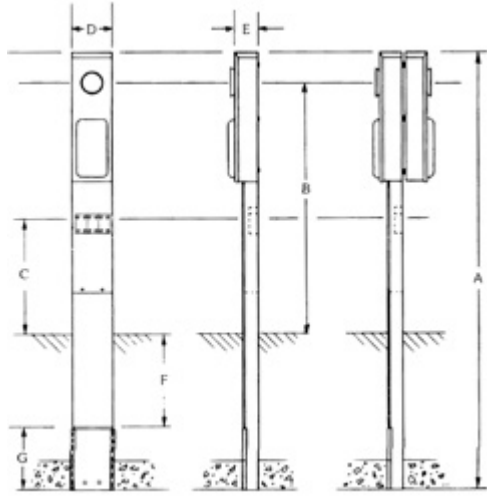
* Knockouts shown for size not for exact positions.

Data subject to change without notice.

Post Dimensions

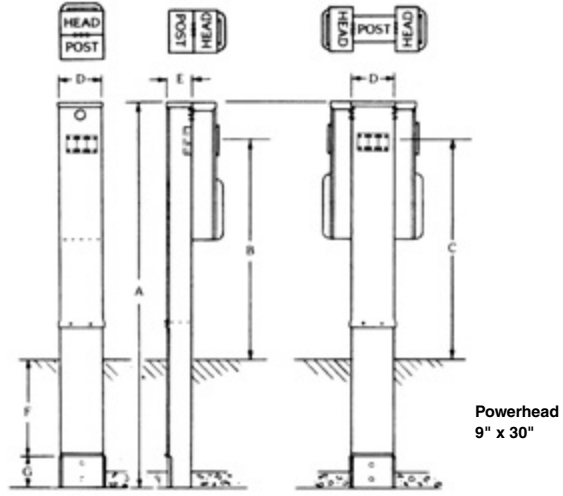
Earth Burial

9PT



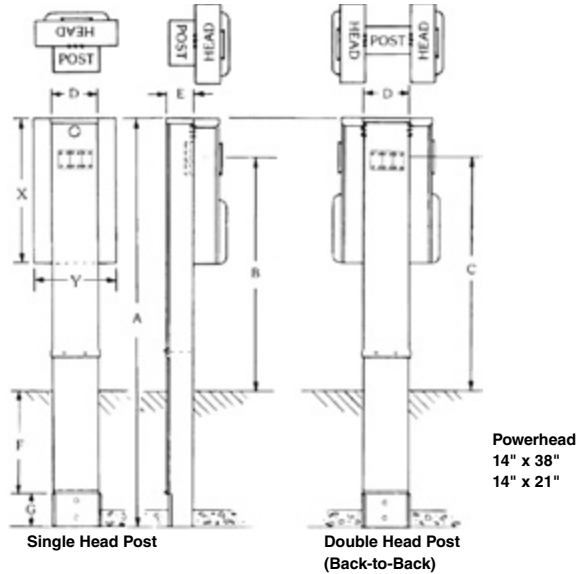
Key	Unmetered	Metered
A	65"	77-1/2"
B	—	45-1/4"
C	19-1/8"	19-1/8"
D	9"	9"
E	4-3/8"	4-3/8"
F	18"	18"
G	6"	6"

9HP



Key	100A Metered	200A Metered
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"

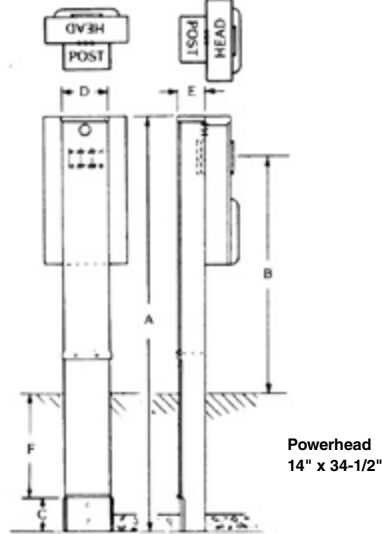
14PT



Key	Unmetered	Metered
A	83-1/2"	86"
B	—	50"
C	49-1/2"	49-1/2"
D	9"	9"
E	3-1/2" ¹	3-1/2" ¹
F	18"	18"
G	6"	6"

¹ Some models available in 4-3/8".
 Contact distributor/factory.

14HP

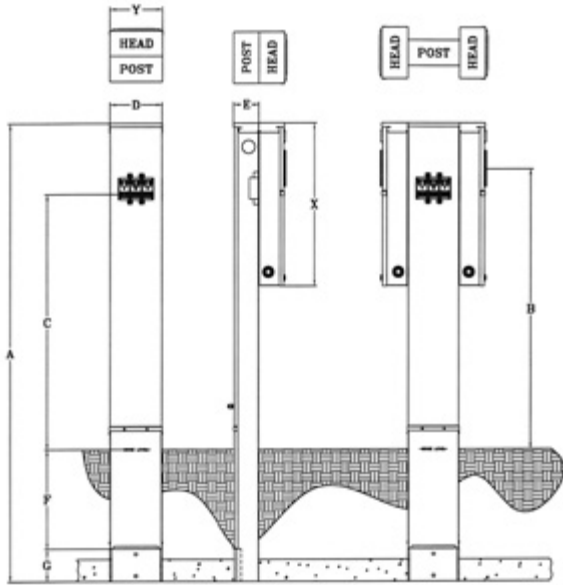


Key	Metered
A	83-1/2"
B	48-3/4"
C	6"
D	9-1/2"
E	4-3/8"
F	18"

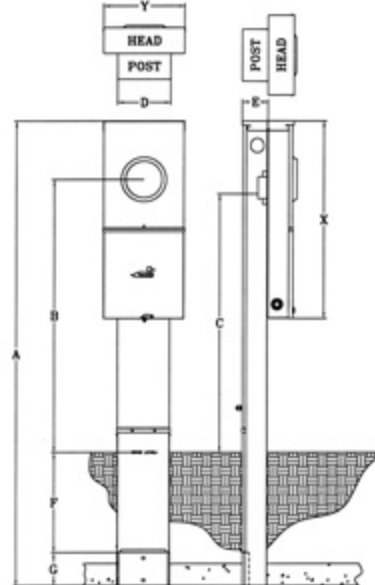
Post Dimensions

Earth Burial

6H



6H034

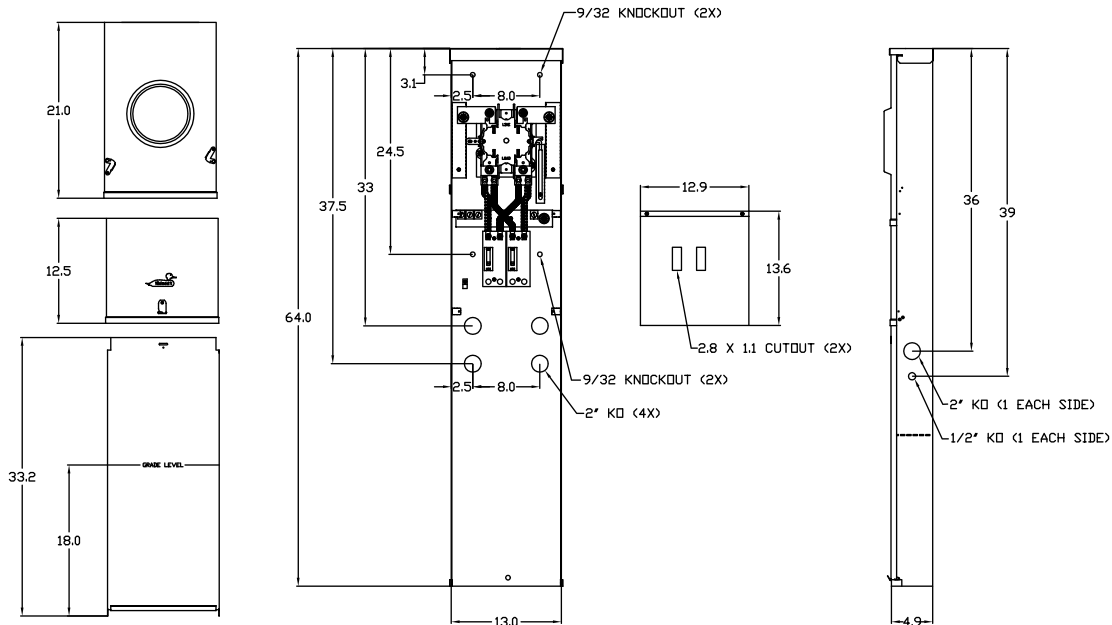


Key	Unmetered	Metered
A	83-1/2"	84"
B	—	51-1/2"
C	46-1/2"	46-1/2"
D	9-1/2"	9-1/2"
E	3-1/2" ¹	4-1/2"
F	18"	18"
G	6"	6"
X	21-1/2"	30"
Y	9-1/2"	9-1/2"

Key	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"

¹ Some models available in 4-3/8".
 Contact the distributor/manufacturer.

R455CP6034

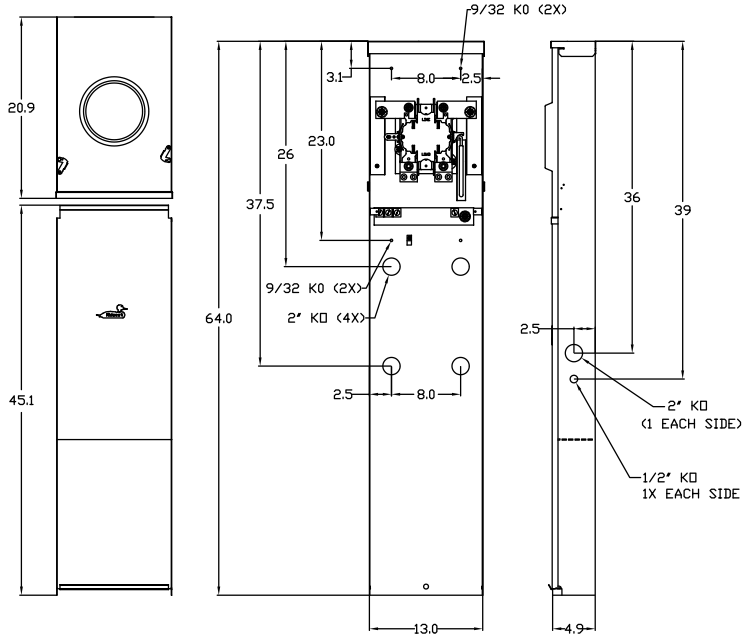


Data subject to change without notice.

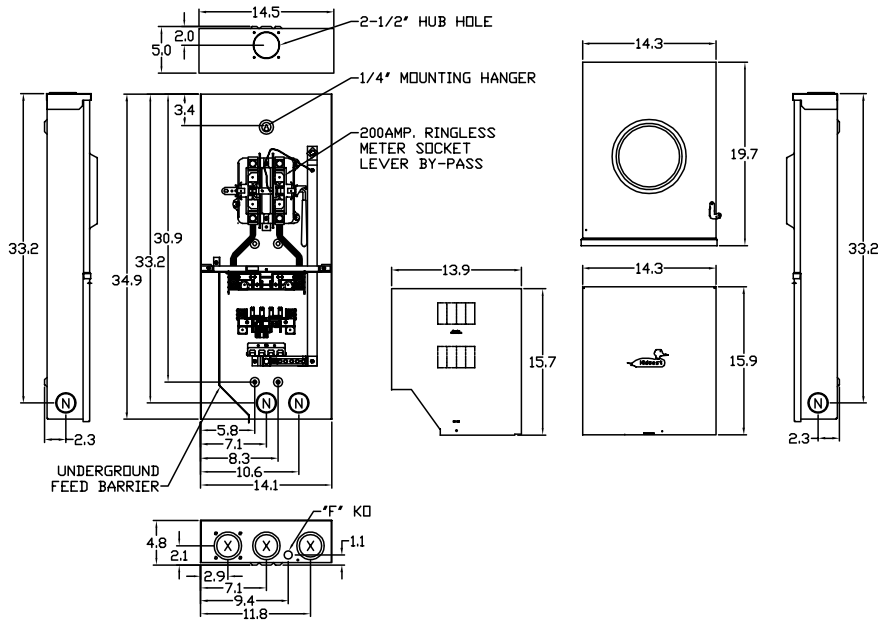
Post Dimensions

Earth Burial

R400P6034



R281EB1034L



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

Knockout Key

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

Wire Range Tables

AA

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	1/0-250 kcmil	—	1/0-250 kcmil
Load	—	—	—	—
Neutral A	—	6-250	—	6-250
Neutral B	14-8	14-1/0	12-8	12-1/0
Neutral C	—	2-250	—	2-250

AB

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	—	—	—
Load	14-8	14-1/0	12-8	12-1/0
Neutral - Large Hole	12-8	2-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

AD

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-1/0	—	6-1/0
Load	—	—	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

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
Equipment Ground	12-8	12-2	12-8	12-2

AN

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line Main Lugs	—	—	—	—
Load CB Base	—	1-300 kcmil	—	1-300 kcmil
Neutral - Large Single Lugs	—	1-300 kcmil	—	1-300 kcmil
Neutral - Small Single Holes	14-8	14-1/0	12-8	12-1/0
Neutral - Six Large Holes	14-8	10-4	—	6-4
Neutral - Small Holes	14-8	12-8	12-8	12-8
Equipment Ground	12-8	12-2	12-8	12-2

AS

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-1/0	—	6-1/0
Load	—	—	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	2-350 kcmil		2-350 kcmil	
Equipment Ground	12-2	12-2	12-2	12-2

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
Equipment Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	6-350 kcmil		6-350 kcmil	
Equipment Ground	12-2	12-2	12-2	12-2

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
Equipment Ground	12-8	12-2	12-8	12-2

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
Equipment Ground	12-8	12-2	12-8	12-2

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
Equipment Ground	—	2-250	—	2-250
Equipment Ground	14-8	14-1/0	12-8	12-1/0

Data subject to change without notice.

Wire Range Tables

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
Equipment Ground	12-8	12-2	12-8	12-2

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
Equipment Ground	—	6-2/0	—	6-2/0

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/Ground B	—	6-2/0	—	6-2/0
Neutral/Ground C	14-8	14-4	12-8	12-4

BH

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line Meter Socket	—	6-350	—	6-350
Load Base Lugs	—	1-300	—	1-300
Neutral - Large Single Lugs	—	1-300	—	1-300
Neutral - Small Single Holes	14-8	14-1/0	12-8	12-1/0
Neutral - Six Large Holes	14-8	10-4	—	6-4
Neutral - Eight Small Holes	14-8	12-8	12-8	12-8
Post Line Connectors Suitable for Loop Feed	6-350 kcmil		6-350 kcmil	
Equipment Ground	12-8	12-2	12-8	12-2

BJ

Connector	Copper	
	Solid	Strand
Line Meter Socket	—	6-4/0
Load Base Lugs	—	1-4/0
Neutral A	—	1-4/0
Neutral/Ground B	—	6-2/0
Neutral/Ground C	14-8	14-4

BK

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line Meter Socket	—	6-350 mcm	—	6-350 mcm
Load Base Lugs	—	1-4/0	—	1-4/0
Neutral A	—	1-4/0	—	1-4/0
Neutral/Ground B	—	6-2/0	—	6-2/0
Neutral/Ground C	14-8	14-4	12-8	12-4

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

BX

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line - Meter 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
Neutral	—	2-250	—	2-250
Neutral	14-8	14-1/0	12-8	12-1/0
Neutral	14-8	10-4	—	6-4
Neutral	14-8	12-8	12-8	12-8
Equipment Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	6-350 kcmil		6-350 kcmil	

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

S

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Post Line Connectors Suitable for Loop Feed	6-350 kcmil		6-350 kcmil	
Equipment Ground	12-2		12-2	

SS

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	1/2" Stud Terminals		1/2" Stud Terminals	
Load	—	1-350	—	1-350
Neutral A	—	6-350	—	6-350
Neutral B	12-8	12-2	—	8-2
Neutral C	1/2" Stud Terminals		1/2" Stud Terminals	

T2

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Post Line Connectors Suitable for Loop Feed	2-250 kcmil		2-250 kcmil	
Equipment Ground	12-2		12-2	

T3

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Load - Plug / Duplex	14-10	14-10	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground Post	14-2/0	14-2/0	14-2/0	14-2/0
Post Line Connector	6-350 kcmil		6-350 kcmil	

Wire Range Tables

U

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line Meter Socket	—	1/0-250	—	1/0-250
Load	—	6-1/0	—	4-1/0
Neutral – Large Single Lugs	—	1-300	—	1-300
Neutral – Small Single Lugs	14-8	14-1/0	12-8	12-1/0
Neutral - 3 Large Holes	14-8	10-4	—	6-4
Neutral - 3 Small Holes	14-8	12-8	12-8	12-8
Equipment Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	6-350 kcmil		6-350 kcmil	
Equipment Ground	12-2	12-2	12-2	12-2

V

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	—	—	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

VA

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	1/2" Stud Terminals			
Load	—	1-300	—	1-300
Neutral A	12-2	12-2	12-2	12-2
Neutral B	—	1-300	—	1-300
Neutral C	1/2" Stud Terminals			

VB

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Neutral/Ground - Large Holes	14-8	10-4	12-8	10-4
Neutral/Ground - Small Holes	14-8	12-8	12-8	12-8

WA

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line - Loop Feed	14-8	14-1/0	12-8	12-1/0
Load	14-8	14-1/0	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

WB

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	14-10	14-10	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-10	12-4
Post Line Connectors	6-350 kcmil		6-350 kcmil	
Equipment Ground	12-8	12-2	12-8	12-2
Equipment Ground Post	14-2/0	14-2/0	14-2/0	14-2/0

Data subject to change without notice.

W

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Equipment Ground	(2) 14	(2) 14	—	—
Equipment Ground	(2) 12	(2) 12	(2) 12	(2) 12
Equipment Ground	(2) 10	(2) 10	(2) 10	(2) 10
Equipment Ground	(1) 12, (1) 14	—	—	—
Equipment Ground	(1) 10, (1) 14	—	—	—
Equipment Ground	(1) 10, (1) 12	—	(1) 10, (1) 12	—
Equipment Ground	(1) 8-4	(1) 8-4	—	(1) 8-4

X

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	5-1/0	—	4-1/0
Load - Plug / Duplex	14-10	14-10	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	12-8	14-4	12-10	12-4
Equipment Ground	12-8	12-2	12-8	12-2

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 - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

ZB

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Neutral N1	—	1-300	—	1-300
Neutral N2	6-2/0	6-2/0	14-1/0	14-1/0
Neutral N3	14-4	14-4	12-4	12-4
Load 1	—	1-300	—	1-300
Equipment Ground	6-2/0	6-2/0	6-2/0	6-2/0

ZZ

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line Meter Socket	—	6-1/0	—	6-1/0
Load	—	1-1/0	—	1-1/0
Neutral B	—	6-1/0	—	6-1/0
Neutral C	14-8	14-1/0	12-8	12-1/0
Neutral D	—	2-260	—	2-260
3 Large Holes	14-8	14-4	12-8	12-4
4 Small Holes	14-8	14-8	12-8	12-8
Equipment Ground	14-8	14-4	12-8	12-4
3 Large Holes	14-8	14-8	12-8	12-8

400 Amps

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line ¹	—	—	—	—
Load 1	1-300	—	1-300	—
Neutral N1	—	1-300	—	1-300
Equipment Ground	6-2/0	6-2/0	6-2/0	6-2/0

¹ Crimp-on/connector lug is not supplied by Midwest.

Section 2

Single Socket Metering



Application Information

Midwest's Single Socket Metering products are designed for residential use. They are UL labeled and are manufactured with surface mounted outdoor enclosures. Many of our units are utility approved (see tables on the following page.)

Our products range from 20A to 320A and are available in single phase or three phase.



Features and Benefits

- Single or Three phase
- Integral duplex ground extruded in neutral lug

Rugged Durability

- Heavy duty lug screws provide stronger connection component for reliable termination
- G90 galvanized bridge provides superior corrosion resistance
- NEMA 3R enclosure
- 200A units have jaws made of copper plated alloy and have reinforcing springs to help maintain electrical connections

Installation Ease

- 200A units have slide-nuts to allow for ease of installation of conductors and help eliminate lost components
- 125A units have horn bypass kit that is field installable by changing slide-nut

User Safety

- Tested and UL listed up to 10 kAIC rating with specified overcurrent protection
- Selected items are utility approved



Sockets with 4 Jaws/Terminals

Std. Prefix	Other Features	Product Group	Amps	Service Design	Max. Conductor (Line and Load)	Std. Suffixes	Utility Approved (if applicable)	Midwest Electric Product
U	A = Aluminum Cab B = Barrel Lock F = Barrel Lock & Lock Guard G = Grounded Fifth Terminal H = Horn Bypass S = Screw Type Sealing Ring T = Grounding Connector (#14-#2 CU-AL) Z = 5/16" Hex Head Connector Screw	RS = Residential Service, Single Position	1 = 125 5 = 150 2 = 200	0 = Overhead 1 = Combination Overhead/Underground, Side Wired 2 = Underground, Side Wired 3 = Combination Overhead/Underground, Side Wired	0 = 3/8" Stud Connectors 2 = #250 kcmil Connectors 3 = #350 kcmil Connectors 6 = #600 kcmil Connectors 9 = Dual #500 kcmil Connectors	B = Small Hub Opening C = Small Hub Cover Plate HL = High Leg Label (Delta Service) L = 1 1/4" Hub N = 2" Hub ND = Neutral Disconnect T = Large Hub Opening U = Large Hub Cover Plate	FL = Meter Equipment Group KC = KCP+L	MEP

Sockets with 4, 5 or 7 Jaws/Terminals

Std. Prefix	Other Features	Product Group	Jaw Qty.	Amps	Service Design	Max. Conductor (Line and Load)	Std. Suffixes	Utility Approved (if applicable)	Midwest Electric Product
U	A = Aluminum Cab B = Barrel Lock C = Spring Jaw Socket F = Barrel Lock & Lock Guard H = Horn Bypass S = Screw Type Sealing Ring T = Grounding Connector (#14-#2 CU-AL) Z = 5/16" Hex Head Connector Screw	H = Commercial or Residential Service, Single Position (Lever Bypass)	4 = 4 Terminal 5 = 5 Terminal 7 = 7 Terminal	2 = 200 3 = 320	0 = Overhead 1 = Combination Overhead/Underground, Side Wired 2 = Underground, Side Wired 3 = Combination Overhead/Underground, Side Wired	0 = 3/8" Stud Connectors 2 = #250 kcmil Connectors 3 = #350 kcmil Connectors 6 = #600 kcmil Connectors 9 = Dual #500 kcmil Connectors	B = Small Hub Opening C = Small Hub Cover Plate HL = High Leg Label (Delta Service) L = 1 1/4" Hub N = 2" Hub ND = Neutral Disconnect SH = Stainless Steel Hasp T = Large Hub Opening U = Large Hub Cover Plate	FL = Meter Equipment Group KC = KCP & L	MEP

* Model numbers beginning with "10" or "MEP" will not follow the nomenclature.

Data subject to change without notice.

1-Phase

20 – 200 Amps, 600V

Amps	Model Number Ringless	Line Wire Range (CU/AL)	Overhead/Underground Line Feed	Ground Range (CU/AL)	Triplex Ground	Number of Terminals	Lever Bypass	Horned Bypass	Hub Type	Enclosure N3R	UL and Utility Approved
20	1007003CMEP	#12	Bottom	(2) #14-2	N	13	N	N	Solid Top	G90 Steel	UL, DTE
	1007361CMEP	#12	Bottom	(2) #14-2	N	8	N	N	Solid Top	G90 Steel	UL, DTE
125	1006385BMEP	#8-2/0	Bottom	No Ground	N	4	N	N	Solid Top	G90 Steel	UL, DTE
	MEPKR1AS1BTZ	#8-2/0	Top	#14-2	Y	4	N	N	Small Hub Opening	G90 Steel	UL
	MEPKS1AS1BT	#8-2/0	Top/Bottom	#14-2	Y	4	N	Y	Small Hub Opening	G90 Steel	UL
	MEPKS1AS1BTV	#8-2/0	Top	#14-2	Y	4	N	Y	Small Hub Opening	G90 Steel	UL, AEP
	UATZRS101CFLMEP	#8-2/0	Top/Bottom	#14-2	Y	4	N	N	Small Hub Cover Plate	Aluminum	UL, MEG
	UBHRS101BMEP	#8-2/0	Top/Bottom	No Ground	N	4	N	Y	Small Hub Opening	G90 Steel	UL
	UFHTRS101BMEP	#8-2/0	Top/Bottom	#14-2	Y	4	N	Y	Small Hub Opening	G90 Steel	UL, AEP
	UGHTRS101BMEP	#8-2/0	Top/Bottom	#14-2	Y	5	N	Y	Small Hub Opening	G90 Steel	UL
	UHTRS101BMEP	#8-2/0	Top/Bottom	#14-2	Y	4	N	Y	Small Hub Opening	G90 Steel	UL
	URS101BCPLMEP	#8-2/0	Top/Bottom	(2) #14-2	Y	4	N	N	Small Hub Opening	G90 Steel	UL
	URS101CCPLMEP	#8-2/0	Top/Bottom	(2) #14-2	Y	4	N	N	Small Hub Cover Plate	G90 Steel	UL
	UTRS101BMEP	#8-2/0	Top/Bottom	#14-2	Y	4	N	N	Small Hub Opening	G90 Steel	UL, CMP
	UTZRS101CFLMEP	#8-2/0	Top/Bottom	#14-2	Y	4	N	N	Small Hub Cover Plate	G90 Steel	UL, MEG
	150	UTRS502BMEP	#8-250MCM	Top/Bottom	#14-2	Y	4	N	N	Small Hub Opening	G90 Steel	UL
200	1004709DMEP	#8-250MCM	Top/Bottom	No Ground	N	4	N	N	Small Hub Opening	G90 Steel	UL, DTE
	1004710EMEP	#8-250MCM	Top/Bottom	No Ground	N	4	N	N	Small Hub Cover Plate	G90 Steel	UL, DTE
	1007665AMEP	#8-250MCM	Top/Bottom	#14-2	Y	4	N	Y	Small Hub Opening	G90 Steel	UL, AEP, CECHA
	1007665MEP	#8-250MCM	Top/Bottom	#14-2	Y	4	N	Y	Small Hub Opening	G90 Steel	UL, CECHA
	1009995MEP	#6-350MCM	Top/Bottom	No Ground	N	4	Y	N	Small Hub Cover Plate	G90 Steel	UL, DTE
	1011692MEP	#6-350MCM	Top/Bottom	#14-2	Y	4	Y	N	Small Hub Cover Plate	Aluminum	UL, AEP, CECHA
	MEPKR1CS1BT	#8-350MCM	Top	#14-2	Y	4	N	N	Small Hub Opening	G90 Steel	UL, CECHA
	MEPKS1CS1BJT	#8-250MCM	Top/Bottom	#14-2	Y	4	N	Y	Small Hub Opening	G90 Steel	UL
	MEPKS1CS1BJTV	#8-250MCM	Top	#14-2	Y	4	N	Y	Small Hub Opening	G90 Steel	UL, AEP
	MEPKS1CS1DT	#8-350MCM	Top/Bottom	#14-2	Y	4	N	Y	Small Hub Cover Plate	G90 Steel	UL
	MEPKS1CS1DTV	#8-350MCM	Top/Bottom	#14-2	Y	4	N	Y	Small Hub Cover Plate	G90 Steel	UL, AEP
	MEPKR1DH1DQRZ	#8-350MCM	Top/Bottom	#14-2	N	4	N	N	Small Hub Cover Plate	G90 Steel	UL
	MEPKS1DS1AT	#8-350MCM	Top/Bottom	#14-2	Y	4	N	Y	Solid Top	G90 Steel	UL
	MEPKS1DS1ATV	#8-350MCM	Side	#14-2	Y	4	N	Y	Solid Top	G90 Steel	UL, AEP
	MEPKU1CW3CT	#6-350MCM	Top/Bottom	#14-2	Y	7	Y	N	Large Hub Opening	G90 Steel	UL
	U92197CCCPLMEP	#8-350MCM	Side	(2) #14-2	N	4	N	N	(2) Small Hub Cover Plates	G90 Steel	UL
	UAFHTRS202BSHMEP	#8-250MCM	Top/Bottom	#14-2	Y	4	N	Y	Small Hub Opening	Aluminum	UL, AEP
	UAFHTRS223ASHMEP	#8-350MCM	Bottom	#14-2	Y	4	N	Y	Solid Top	Aluminum	UL, AEP

Data subject to change without notice.

Section 2 – Single Socket Metering

1-Phase

200 Amps, 600V (continued)

Amps	Model Number Ringless	Line Wire Range (CU/AL)	Overhead/Underground Line Feed	Ground Range (CU/AL)	Triplex Ground	Number of Terminals	Lever Bypass	Horned Bypass	Hub Type	Enclosure N3R	UL and Utility Approved
200	UATH4203BFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	4	Y	N	Small Hub Opening	Aluminum	UL, MEG
	UATH4203TFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	4	Y	N	Large Hub Opening	Aluminum	UL, MEG
	UATH4213CFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	4	Y	N	Small Hub Cover Plate	Aluminum	UL, MEG
	UATH4213UFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	4	Y	N	Large Hub Cover Plate	Aluminum	UL, MEG
	UATRS202BFLMEP	#8-250MCM	Top/Bottom	#14-2	Y	4	N	N	Small Hub Opening	Aluminum	UL, MEG
	UATRS212CFLMEP	#8-250MCM	Top/Bottom	#14-2	Y	4	N	N	Small Hub Cover Plate	Aluminum	UL, MEG
	UATRS213AFLMEP	#8-350MCM	Bottom	#14-2	Y	4	N	N	Solid Top	Aluminum	UL, MEG
	UATRS213CFLMEP	#8-350MCM	Top/Bottom	#14-2	Y	4	N	N	Small Hub Cover Plate	Aluminum	UL, MEG
	UATRS223AFLMEP	#8-350MCM	Bottom	#14-2	Y	4	N	N	Solid Top	Aluminum	UL, MEG
	UBHRS202BMEP	#8-250MCM	Top	No Ground	N	4	N	Y	Small Hub Opening	G90 Steel	UL
	UBHRS212BMEP	#8-250MCM	Top/Bottom	No Ground	N	4	N	Y	Small Hub Opening	G90 Steel	UL
	UFHTRS202BMEP	#8-250MCM	Top/Bottom	#14-2	Y	4	N	Y	Small Hub Opening	G90 Steel	UL, AEP
	UFHTRS223AMEP	#8-350MCM	Bottom	#14-2	Y	4	N	Y	Solid Top	G90 Steel	UL, AEP
	UFHTRS233CMEP	#8-350MCM	Top/Bottom	#14-2	Y	4	N	Y	Small Hub Cover Plate	G90 Steel	UL, AEP
	UFTH4213CMEP	#6-350MCM	Top/Bottom	#14-2	Y	4	Y	N	Small Hub Cover Plate	G90 Steel	UL, AEP
	UGHRS212CKCMEP	#8-250MCM	Top/Bottom	No Ground	N	5	N	Y	Small Hub Cover Plate	G90 Steel	UL, KCP&L
	UGHTRS213BMEP	#8-350MCM	Top/Bottom	#14-2	Y	5	N	Y	Small Hub Opening	G90 Steel	UL
	UGTH4213CMEP	#6-350MCM	Top/Bottom	#14-2	Y	5	N	N	Small Hub Cover Plate	G90 Steel	UL
	UGTRS213CMEP	#8-350MCM	Top/Bottom	#14-2	Y	5	N	N	Small Hub Cover Plate	G90 Steel	UL
	UH4213CMEP	#6-350MCM	Top/Bottom	No Ground	N	4	Y	N	Small Hub Cover Plate	G90 Steel	UL
	UHTRS202BMEP	#8-250MCM	Top/Bottom	#14-2	Y	4	N	Y	Small Hub Opening	G90 Steel	UL
	UHTRS223AMEP	#8-350MCM	Side	#14-2	Y	4	N	Y	Solid Top	G90 Steel	UL
	URTRS213AMEP	#8-350MCM	Bottom	#14-2	Y	4	N	N	Solid Top	G90 Steel	UL
	UT92197CCFLMEP	#8-350MCM	Top/Bottom	#14-2	Y	4	N	N	(2) Small Hub Cover Plates	G90 Steel	UL, MEG
	UTH4203BFLMEP	#6-350MCM	Top	#14-2	Y	4	Y	N	Small Hub Opening	G90 Steel	UL, MEG
	UTH4203TFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	4	Y	N	Large Hub Opening	G90 Steel	UL, MEG
	UTH4213BMEP	#6-350MCM	Top/Bottom	#14-2	Y	4	Y	N	Small Hub Opening	G90 Steel	UL
	UTH4213CMEP	#6-350MCM	Top/Bottom	#14-2	Y	4	N	N	Small Hub Cover Plate	G90 Steel	UL
	UTH4213CFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	4	Y	N	Small Hub Cover Plate	G90 Steel	UL, MEG
	UTH4213UFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	4	Y	N	Large Hub Cover Plate	G90 Steel	UL, MEG
	UTRS202BMEP	#8-250MCM	Top/Bottom	#14-2	Y	4	N	N	Small Hub Opening	G90 Steel	UL, CMP
	UTRS212BMEP	#8-250MCM	Top/Bottom	#14-2	Y	4	N	N	Small Hub Opening	G90 Steel	UL
UTRS212CMEP	#8-250MCM	Top/Bottom	#14-2	Y	4	N	N	Small Hub Cover Plate	G90 Steel	UL	

Data subject to change without notice.

1-Phase

200 Amps, 600V (continued)

Single Socket

Amps	Model Number Ringless	Line Wire Range (CU/AL)	Overhead/Underground Line Feed	Ground Range (CU/AL)	Triplex Ground	Number of Terminals	Lever Bypass	Horned Bypass	Hub Type	Enclosure N3R	UL and Utility Approved
200	UTRS2138BMEP	(1) #8-350MCM Line (2) #8-250MCM Load	Top/Bottom	#14-2	Y	4	N	N	Small Hub Opening	G90 Steel	UL
	UTRS213AFLEP	#8-350MCM	Bottom	#14-2	Y	4	N	N	Solid Top	G90 Steel	UL, MEG
	UTRS213BMEP	#8-350MCM	Top/Bottom	#14-2	Y	4	N	N	Small Hub Opening	G90 Steel	UL, CMP
	UTRS213CFLEP	#8-350MCM	Top/Bottom	#14-2	Y	4	N	N	Small Hub Cover Plate	G90 Steel	UL, MEG
	UTRS213CMEP	#8-350MCM	Top/Bottom	#14-2	Y	4	N	N	Small Hub Cover Plate	G90 Steel	UL, CMP
	UTRS223AFLEP	#8-350MCM	Bottom	#14-2	Y	4	N	N	Solid Top	G90 Steel	UL, MEG
	UTRS223AMEP	#8-350MCM	Bottom	#14-2	Y	4	N	N	Solid Top	G90 Steel	UL

1-Phase

320 Amps, 600V

Amps	Model Number Ringless	Line Wire Range (CU/AL)	Overhead/Underground Line Feed	Ground Range (CU/AL)	Triplex Ground	Number of Terminals	Lever Bypass	Horned Bypass	Hub Type	Enclosure N3R	UL and Utility Approved
320	1007672MEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top	#14 -1/0	Y	4	Y	N	Large Hub Opening	G90 Steel	UL, CECHA
	1008068MEP	(2) #6-350MCM	Top/Bottom	#14 -1/0	Y	4	Y	N	Large Hub Cover Plate	G90 Steel	UL, AEP
	1008435MEP	#4-600MCM	Bottom	#14 -1/0	Y	4	Y	N	Solid Top	G90 Steel	UL
	1008836MEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14 -1/0	Y	4	Y	N	Large Hub Cover Plate	G90 Steel	UL, MEG
	1008837MEP ¹	Studs – 600MCM or (2) 350MCM	Top/Bottom	#14 -1/0	Y	4	Y	N	Large Hub Cover Plate	Aluminum	UL, MEG
	1009260MEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14 -1/0	Y	4	Y	N	Large Hub Cover Plate	G90 Steel	UL
	1009788AMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	No Ground	N	4	Y	N	Large Hub Cover Plate	G90 Steel	UL, DTE
	MEPKU1FS1EMT	#4-600MCM	Top/Bottom	#14 -1/0	Y	4	Y	N	Large Hub Cover Plate	G90 Steel	UL
	UAFT4330TSHMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14 -1/0	Y	4	Y	N	Large Hub Opening	Aluminum	UL, AEP
	UAFT4336TSHMEP	#4-600MCM	Top/Bottom	#14 -1/0	Y	4	Y	N	Large Hub Opening	Aluminum	UL, AEP
	UATH4300TFLMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14 -1/0	Y	4	Y	N	Large Hub Opening	Aluminum	UL, MEG
	UFTH4330TMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14 -1/0	Y	4	Y	N	Large Hub Opening	G90 Steel	UL, AEP
	UFTH4336TMEP	#4-600MCM	Top/Bottom	#14 -1/0	Y	4	Y	N	Large Hub Opening	G90 Steel	UL, AEP
	UH43068TCPLMEP	(1) #4-600MCM Line (2) #6-250MCM Load	Top	(2) #14-2	Y	4	Y	N	Large Hub Opening	G90 Steel	UL
	UTH4300TMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14 -1/0	Y	4	Y	N	Large Hub Cover Plate	G90 Steel	UL
	UTH4300TFLMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14-1/0	Y	4	Y	N	Large Hub Opening	G90 Steel	UL, MEG
	UTH4330TMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14-1/0	Y	4	Y	N	Large Hub Opening	G90 Steel	UL, CMP
UTH43369TMEP	(1) #4-600MCM Line (2) #6-350MCM Load	Top	#14-1/0	Y	4	Y	N	Large Hub Opening	G90 Steel	UL	

¹ Lugs not included. This product comes with studs only. Order lugs separately, see Accessories on page 2-9. One lug per kit, order appropriate QTY needed.
For example, order three lugs (A, C, N) if meter is 1-Phase or four lugs (A, B, C, N) if meter is 3-Phase.

3-Phase

20 – 200 Amps, 600V

Amps	Model Number Ringless	Line Wire Range (CU/AL)	Overhead/Underground Line Feed	Ground Range (CU/AL)	Triplex Ground	Number of Terminals	Lever Bypass	Horned Bypass	Hub Type	Enclosure N3R	Certification
20	URSTS132CMEP	#10-12	Top/Bottom	#14-2	Y	13	N	N	Small Hub Cover Plate	G90 Steel	UL, EUSERC
200	1007670MEP	#6-350MCM	Top	#14-2	Y	7	Y	N	Large Hub Opening	G90 Steel	UL, CECHA
	UAFTH7213TSHMEP	#6-350MCM	Top/Bottom	#14-2	Y	7	Y	N	Large Hub Opening	Aluminum	UL, AEP
	UATH7203BFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	7	Y	N	Small Hub Opening	Aluminum	UL, MEG
	UATH7203TFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	7	Y	N	Large Hub Opening	Aluminum	UL, MEG
	UATH7213CFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	7	Y	N	Small Hub Cover Plate	Aluminum	UL, MEG
	UATH7213UFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	7	Y	N	Large Hub Cover Plate	Aluminum	UL, MEG
	UBC7213BMEP	#6-350MCM	Top/Bottom	No Ground	N	7	Y	N	Small Hub Opening	G90 Steel	UL
	UBH7213TMEP	#6-350MCM	Top/Bottom	No Ground	N	7	Y	N	Large Hub Opening	G90 Steel	UL
	UFTH7213BMEP	#6-350MCM	Top/Bottom	#14-2	Y	7	Y	N	Small Hub Opening	G90 Steel	UL, AEP
	UFTH7213TMEP	#6-350MCM	Top/Bottom	#14-2	Y	7	Y	N	Large Hub Opening	G90 Steel	UL, AEP
	UFTTH7213TMEP	#6-350MCM	Top/Bottom	(2) #14-2	Y	7	Y	N	Large Hub Opening	G90 Steel	UL, AEP
	UH7213CKCMEP	#6-350MCM	Top/Bottom	No Ground	N	7	Y	N	Small Hub Cover Plate	G90 Steel	UL, KCP&L
	UH7213CMEP	#6-350MCM	Top/Bottom	No Ground	N	7	Y	N	Small Hub Cover Plate	G90 Steel	UL
	UTH7203BFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	7	Y	N	Small Hub Opening	G90 Steel	UL, MEG
	UTH7203TFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	7	Y	N	Large Hub Opening	G90 Steel	UL, MEG
	UTH7203TMEP	#6-350MCM	Top/Bottom	#14-2	Y	7	Y	N	Large Hub Opening	G90 Steel	UL, CMP
	UTH7213BMEP	#6-350MCM	Top/Bottom	#14-2	Y	7	Y	N	Small Hub Opening	G90 Steel	UL
	UTH7213CMEP	#6-350MCM	Top/Bottom	#14-2	Y	7	Y	N	Small Hub Cover Plate	G90 Steel	UL, EXCEL
	UTH7213THLMEP	#6-350MCM	Top/Bottom	#14-2	Y	7	Y	N	Large Hub Opening	G90 Steel	UL
	UTH7213TMEP	#6-350MCM	Top/Bottom	#14-2	Y	7	Y	N	Large Hub Opening	G90 Steel	UL
UTH7213UMEP	#6-350MCM	Top/Bottom	#14-2	Y	7	Y	N	Large Hub Cover Plate	G90 Steel	UL, CMP	

3-Phase

320 Amps, 600V

Amps	Model Number Ringless	Line Wire Range (CU/AL)	Overhead/Underground Line Feed	Ground Range (CU/AL)	Triplex Ground	Number of Terminals	Lever Bypass	Horned Bypass	Hub Type	Enclosure N3R	Certification
320	UAFTH7330TSHMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14 -1/0	Y	7	Y	N	Large Hub Opening	Aluminum	UL, AEP
	UAFTH7336TSHMEP	#4-600MCM	Top/Bottom	#14 -1/0	Y	7	Y	N	Large Hub Opening	Aluminum	UL, AEP
	UATH7300TFLMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14 -1/0	Y	7	Y	N	Large Hub Opening	Aluminum	UL, MEG
	UATH7330UFLMEP	Studs – (1) 600MCM or (2) 350MCM	Side	#14 -1/0	Y	7	Y	N	Large Hub Cover Plate	Aluminum	UL, MEG
	UFTH7330TMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14 -1/0	Y	7	Y	N	Large Hub Opening	G90 Steel	UL, AEP
	UFTH7336TMEP	#4-600MCM	Top/Bottom	#14 -1/0	Y	7	Y	N	Large Hub Opening	G90 Steel	UL, AEP
	UFTTH7330TMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	(2) #14-1/0	Y	7	Y	N	Large Hub Opening	G90 Steel	UL, AEP
	UFTTH7336TMEP	#4-600MCM	Top/Bottom	(2) #14-1/0	Y	7	Y	N	Large Hub Opening	G90 Steel	UL, AEP
	UTH7300TFLMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14-1/0	Y	7	Y	N	Large Hub Opening	G90 Steel	UL, MEG
	UTH7330TMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14-1/0	Y	7	Y	N	Large Hub Opening	G90 Steel	UL
	UTH7330UFLMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14-1/0	Y	7	Y	N	Large Hub Cover Plate	G90 Steel	UL, MEG
	UTH73069THLMEP	1) #4-600MCM Line (2) #6-350MCM Load	Top/Bottom	#14-1/0	Y	7	Y	N	Large Hub Opening	G90 Steel	UL
	UTH73369THLMEP	(1) #4-600MCM Line (2) #6-350MCM Load	Top/Bottom	#14-1/0	Y	7	Y	N	Large Hub Opening	G90 Steel	UL
	UTJ7300UMEP	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14-1/0	Y	7	Y	N	Large Hub Cover Plate	G90 Steel	UL

¹ Lugs not included. This product comes with studs only. Order lugs separately, see Accessories on page 2-9. One lug per kit, order appropriate QTY needed.
For example, order three lugs (A, C, N) if meter is 1-Phase or four lugs (A, B, C, N) if meter is 3-Phase.

1-Phase or 3-Phase

200 – 320 Amps, 600V

Amps	Model Number Ringless	Line Wire Range (CU/AL)	Overhead/Underground Line Feed	Ground Range (CU/AL)	Triplex Ground	Number of Terminals	Lever Bypass	Horned Bypass	Hub Type	Enclosure N3R	Certification
200	1008801MEP	#6-350MCM	Top/Bottom	#14 -1/0	N	5	Y	N	Small Hub Cover Plate	G90 Steel	UL, EXCEL
	UAFTH5213BNDMEP	#6-350MCM	Top/Bottom	#14-2	Y	5	Y	N	Small Hub Opening	Aluminum	UL,AEP
	UATH5203BFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	5	Y	N	Small Hub Opening	Aluminum	UL, MEG
	UATH5203TFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	5	Y	N	Large Hub Opening	Aluminum	UL, MEG
	UATH5213CFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	5	Y	N	Small Hub Cover Plate	Aluminum	UL, MEG
	UATH5213UFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	5	Y	N	Large Hub Cover Plate	Aluminum	UL, MEG
	UFTH5213BNDMEP	#6-350MCM	Top/Bottom	#14-2	Y	5	Y	N	Small Hub Opening	G90 Steel	UL,AEP
	UTH5203BFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	5	Y	N	Small Hub Opening	G90 Steel	UL, MEG
	UTH5203BMEP	#6-350MCM	Top/Bottom	#14-2	Y	5	Y	N	Small Hub Opening	G90 Steel	UL, CMP
	UTH5203TFLMEP	#8-350MCM	Top/Bottom	#14-2	Y	5	Y	N	Large Hub Opening	G90 Steel	UL, MEG
	UTH5213BNDMEP	#6-350MCM	Top/Bottom	#14-2	Y	5	Y	N	Small Hub Opening	G90 Steel	UL
	UTH5213CFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	5	Y	N	Small Hub Cover Plate	G90 Steel	UL, MEG
	UTH5213CMEP	#6-350MCM	Top/Bottom	#14-2	Y	5	Y	N	Small Hub Cover Plate	G90 Steel	UL, CMP
	UTH5213UFLMEP	#6-350MCM	Top/Bottom	#14-2	Y	5	Y	N	Large Hub Cover Plate	G90 Steel	UL, MEG
	UTH5233CMEP	#6-350MCM	Top/Bottom	#14-2	Y	5	Y	N	Small Hub Cover Plate	G90 Steel	UL, CMP
320	UATH5300TFLMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14 -1/0	Y	5	Y	N	Large Hub Opening	Aluminum	UL, MEG
	UATH5330UFLMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14 -1/0	Y	5	Y	N	Large Hub Cover Plate	Aluminum	UL, MEG
	UTH5300TFLMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14-1/0	Y	5	Y	N	Large Hub Opening	G90 Steel	UL, MEG
	UTH5330UFLMEP ¹	Studs – (1) 600MCM or (2) 350MCM	Top/Bottom	#14-2	Y	5	Y	N	Large Hub Cover Plate	G90 Steel	UL, MEG

¹ Lugs not included. This product comes with studs only. Order lugs separately, see Accessories on page 2-9. One lug per kit, order appropriate QTY needed. For example, order three lugs (A, C, N) if meter is 1-Phase or four lugs (A, B, C, N) if meter is 3-Phase.

Single Socket

Accessories



ARP00003MEP, ARP00004MEP, ARP00005MEP,
ARP00006MEP, ARP00007MEP



ARP00017MEP, ARP00018MEP, ARP00019MEP,
ARP00020MEP, ARP00021MEP



ARP000035MEP

Model Number	Description
ARP00118MEP	One Lug for (2) #6 - 250MCM Cables/Phase
ARP00429MEP	One Lug for (1) #4-600M Cables/Phase or (2) 1/0-250 Cables/Phase
ARP00427MEP	Connector Kit (2) 350MCM#6 3/8 Studs for lever bypass 1009788AMEP, 1008435MEP, UTH4330TMEP, UTH4330TMEP, UGTH4330TMEP, UBTH4330TMEP, 1007672MEP, 1009260MEP
ARP00129MEP	Connector Kit #4-600MCM
ARP00326MEP	5th Terminal Kit Lever Bypass
ARP00035MEP	5th Terminal Kit Non-Lever Bypass
ARP01595MEP	HQ Bolt-on Shield for 1009788AMEP (flash shield over jaws)
ARP00984MEP	Anti-Inversion Clip (10 per package)
ARP01590MEP	DTE Auxillary Service Kit
1006630AMEP	Auxillary Contacts Enclosure G90
ARP00920MEP	Plastic Meter Socket Cover Plate
ARP90015932MEP	2R1121 Wire Front Assembly
ARP00759MEP	HQ Neutral Insulating Kit

Hub Kits

Model Number	Description
ARP00003MEP	1" Hub Kit, Small
ARP00004MEP	1.25" Hub Kit, Small
ARP00005MEP	1.5" Hub Kit, Small
ARP00006MEP	2" Hub Kit, Small
ARP00007MEP	2.5" Hub Kit, Small
ARP00017MEP	2" Hub Kit, Large
ARP00018MEP	2.5" Hub Kit, Large
ARP00019MEP	3" Hub Kit, Large
ARP00020MEP	3.5" Hub Kit, Large
ARP00021MEP	4" Hub Kit, Large

Hub Cover Plates

Model Number	Description
ARP00002MEP	Small Steel Hub Cover Plate for 3.31" Hub Openings
ARP00008MEP	Small Aluminum Hub Cover Plate for 3.31" Hub Openings
ARP00015MEP	Adapter Plt: 5" to 3.31" Hub
ARP00016MEP	Large Steel Hub Cover Plate for 5" Hub Openings
ARP00023MEP	Large Aluminum Hub Cover Plate for 5" Hub Openings

Data subject to change without notice.

Technical Data

Model Number	Gross Weight (lbs.)	Enclosure Style ¹	Cabinet Dimensions (inches)			Knockout Figure ²	Std. Pkg.
			Height (A)	Width (B)	Depth (C)		
1004709DMEP	13	A	14	8	4-2/5	13	1
1004710EMEP	13	A	14	11	4-1/10	14	1
1006385BMEP	7	A	10-9/10	8	3-1/2	15	1
1007003CMEP	13	B	16-1/2	14	3-1/2	3	1
1007361CMEP	22	B	16-1/2	14	3-1/2	3	1
1007665AMEP	12	A	14	8	4-2/5	16	1
1007665MEP	10	A	14	8	4-2/5	16	1
1007670MEP	24	A	19	13	5	11	1
1007672MEP	38	C	38-1/4	15-1/2	6-2/5	4	1
1008068MEP	39	C	34-1/2	16-1/4	6-1/2	5	1
1008435MEP	33	D	36-3/5	15	5-7/10	4	1
1008801MEP	25	A	19	13	5	30	1
1008836MEP	41	C	36-3/5	15	6-1/2	28	1
1008837MEP	26	C	36-3/5	15	6-1/2	28	1
1009260MEP	38	C	36-3/5	15	5-7/10	4	1
1009788AMEP	31	A	34-1/2	13	5	17	1
1009995MEP	25	A	19	13	5	11	1
1011692MEP	25	A	19	13	5	11	1
MEPKR1AS1BTZ	7	A	10-9/10	8	3-1/2	19	1
MEPKR1CS1BT	14	A	15	11	4-2/5	6	1
MEPKR1DH1DQRZ	18	E	17-1/10	13	5	9	1
MEPKS1AS1BT	8	A	10-9/10	8	3-1/2	19	1
MEPKS1AS1BTV	7	A	10-9/10	8	3-1/2	31	1
MEPKS1CS1BJT	12	A	14	8	4-2/5	7	1
MEPKS1CS1BJTV	11	A	14	8	4-2/5	7	1
MEPKS1CS1DT	15	A	15	11	4-2/5	6	1
MEPKS1CS1DTV	14	A	15	11	4-2/5	6	1
MEPKS1DS1AT	16	D	13	13	5	21	1
MEPKS1DS1ATV	15	D	13	13	5	8	1
MEPKU1CW3CT	25	A	19	13	5	11	1
MEPKU1FS1EMT	41	C	36-3/5	15	6	4	1
U92197CCCPLMEP	17	E	17-1/10	13	5	9	1
UAFTH4330TSHMEP	22	C	36-3/5	15	5-7/10	4	1
UAFTH4336TSHMEP	28	C	36-3/5	15	5-7/10	4	1
UAFTH5213BNDMEP	19	A	19	13	5	11	1
UAFTH7213TSHMEP	19	A	19	13	5	11	1
UAFTH7330TSHMEP	37	C	39-9/10	20	6-1/2	18	1
UAFTH7336TSHMEP	39	C	39-9/10	20	6-1/2	18	1
UAFHTRS202BSHMEP	8	A	14	8	4-2/5	23	1
UAFHTRS223ASHMEP	10	C	13	13	5	8	1
UATH4203BFLMEP	18	A	19	10-1/2	5	22	1
UATH4203TFLMEP	18	A	19	10-1/2	5	22	1
UATH4213CFLMEP	18	A	19	13	5	29	1
UATH4213UFLMEP	18	A	19	13	5	29	1
UATH4300TFLMEP	39	F	34-1/2	13	5	12	1
UATH5203BFLMEP	17	A	19	10-1/2	5	22	1
UATH5203TFLMEP	17	A	19	10-1/2	5	22	1
UATH5213CFLMEP	18	A	19	13	5	11	1
UATH5213UFLMEP	18	A	19	13	5	11	1
UATH5300TFLMEP	18	A	34-1/2	13	5	12	1
UATH5330UFLMEP	36	C	39-9/10	20	6-1/2	18	1
UATH7203BFLMEP	18	A	19	10-1/2	5	22	1
UATH7203TFLMEP	18	A	19	10-1/2	5	22	1
UATH7213CFLMEP	18	A	19	13-2/5	5	12	1
UATH7213UFLMEP	18	A	19	13-2/5	5	12	1
UATH7300TFLMEP	23	F	34-1/2	15	5-7/10	12	1

¹ Enclosure Styles on page 2-12.

² Knockout Figures on pages 2-13–2-14.

Data subject to change without notice.

Single Socket

Technical Data

Single Socket

Model Number	Gross Weight (lbs.)	Enclosure Style ¹	Cabinet Dimensions (inches)			Knockout Figure ²	Std. Pkg.
			Height (A)	Width (B)	Depth (C)		
UATH7330UFLMEP	36	B	39-9/10	20	6-1/2	34	1
UATRS202BFLMEP	11	A	14	8	4-2/5	23	1
UATRS212CFLMEP	9	A	14	11	4-2/5	24	1
UATRS213AFLMEP	9	A	15	11-2/5	4-2/5	25	1
UATRS213CFLMEP	9	A	15	11	4-2/5	25	1
UATRS223AFLMEP	10	D	13	13	5	21	1
UATZRS101CFLMEP	7	A	10-9/10	8	3-1/2	19	1
UBC7213BMEP	21	A	19	13	5	11	1
UBH7213TMEP	24	A	19	13	5	11	1
UBHRS101BMEP	7	A	10-9/10	8	3-1/2	19	1
UBHRS202BMEP	11	A	14	8	4-2/5	7	1
UBHRS212BMEP	13	A	14	11	4-2/5	10	1
UFHTRS101BMEP	8	A	10-9/10	8	3-1/2	19	1
UFHTRS202BMEP	12	A	14	8	4-2/5	7	1
UFHTRS223AMEP	16	A	14	8	4-2/5	7	1
UFHTRS233CMEP	18	C	17-1/10	13	5	8	1
UFTH4213CMEP	25	A	19	13	5	11	1
UFTH4330TMEP	41	C	36-3/5	15	5-7/10	4	1
UFTH4336TMEP	42	C	36-3/5	15	5-7/10	4	1
UFTH5213BNDMEP	26	A	19	13	5	11	1
UFTH7213BMEP	26	A	19	13	5	11	1
UFTH7213TMEP	26	A	19	13	5	11	1
UFTH7330TMEP	65	C	39-9/10	20	6-1/2	18	1
UFTH7336TMEP	42	C	39-9/10	20	6-1/2	18	1
UFTTH7213TMEP	26	A	19	13	5	11	1
UFTTH7330TMEP	65	C	39-9/10	20	6-1/2	18	1
UFTTH7336TMEP	67	C	39-9/10	20	6-1/2	18	1
UGHRS212CKCMEP	13	A	14	11	4-2/5	1	1
UGHTRS101BMEP	7	A	10-9/10	8	3-1/2	19	1
UGHTRS213BMEP	14	A	15	11	4-2/5	6	1
UGTH4213CMEP	24	A	19	13	5	32	1
UGTRS213CMEP	14	A	15	11	4-2/5	6	1
UH4213CMEP	24	A	19	13	5	11	1
UH43068TCPLMEP	35	F	34-1/2	13	5	12	1
UH7213CKCMEP	24	A	19	13	5	2	1
UH7213CMEP	23	A	19	13	5	11	1
UHTRS101BMEP	7	A	10-9/10	8	3-1/2	19	1
UHTRS202BMEP	10	A	14	8	4-2/5	7	1
UHTRS223AMEP	14	D	13	13	5	8	1
URS101BCPLMEP	7	A	10-9/10	8	3-1/2	19	1
URS101CCPLMEP	7	A	10-9/10	8	3-1/2	19	1
URSTS132CMEP	23	A	20	12	4-2/5	33	1
URTRS213AMEP	15	A	15	11	4-2/5		1
UT92197CCFLMEP	17	D	17-1/10	13	5	27	1
UTH4203BFLMEP	23	A	19	10-1/2	5	22	1
UTH4203TFLMEP	23	A	19	10-1/2	5	22	1
UTH4213BMEP	23	A	19	13	5	11	1
UTH4213CFLMEP	28	A	19	13	5	11	1
UTH4213CMEP	25	A	19	13	5	11	1
UTH4213UFLMEP	28	A	19	13	5	11	1
UTH4300TFLMEP	32	F	34-1/2	13	5	12	1
UTH4300TMEP	32	C	34-1/2	13	5	4	1
UTH4330TMEP	39	C	36-2/5	15	5-7/10	4	1
UTH43369TMEP	40	C	36-2/5	15	5-7/10	4	1
UTH5203BFLMEP	23	A	19	10-1/2	5	22	1
UTH5203BMEP	23	A	19	10-1/2	5	22	1

¹ Enclosure Styles on page 2-12.

² Knockout Figures on pages 2-13--2-14.

Data subject to change without notice.

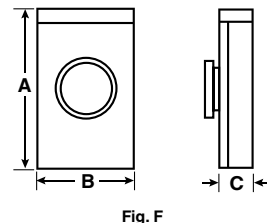
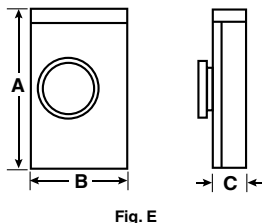
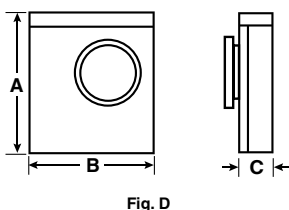
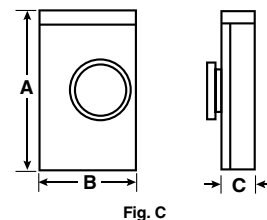
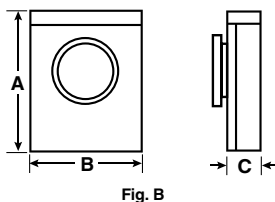
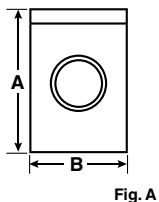
Technical Data

Model Number	Gross Weight (lbs.)	Enclosure Style ¹	Cabinet Dimensions (inches)			Knockout Figure ²	Std. Pkg.
			Height (A)	Width (B)	Depth (C)		
UTH5203TFLMEP	23	A	19	10-1/2	5	22	1
UTH5213BNDMEP	22	A	19	13	5	11	1
UTH5213CFLMEP	25	A	19	13	5	11	1
UTH5213CM MEP	22	A	19	13	5	11	1
UTH5213UFLMEP	25	A	19	13	5	11	1
UTH5233CM MEP	43	C	19	13	5	27	1
UTH5300TFLMEP	32	F	34-1/2	13	5	12	1
UTH5330UFLMEP	46	C	39-9/10	20	6-1/2	18	1
UTH7203BFLMEP	23	A	19	10-1/2	5	22	1
UTH7203TFLMEP	23	A	19	10-1/2	5	22	1
UTH7203TMEP	23	A	19	10-1/2	5	22	1
UTH7213BMEP	24	A	19	13	5	11	1
UTH7213CM MEP	25	A	19	13	5	11	1
UTH7213THLMEP	25	A	19	13	5	11	1
UTH7213TMEP	23	A	19	13	5	11	1
UTH7213UM EP	25	A	19	13	5	11	1
UTH7300TFLMEP	35	F	34-1/2	15	5-7/10	12	1
UTH73069THLMEP	39	A	34-1/2	15	5-7/10	20	1
UTH7330TMEP	62	C	39-9/10	20	6-1/2	18	1
UTH7330UFLMEP	64	C	39-9/10	20	6-1/2	18	1
UTH73369THLMEP	64	C	39-9/10	20	6-1/2	18	1
UTJ7300UM EP	45	A	36-1/10	15	5-3/4	4	1
UTRS101BMEP	7	A	10-9/10	8	3-1/2	19	1
UTRS202BMEP	10	A	14	8	4-2/5	7	1
UTRS212BMEP	10	A	14	11	4-2/5	10	1
UTRS212CM EP	13	A	14	11	4-2/5	10	1
UTRS2138BMEP	19	A	20	13	5	28	1
UTRS213AFLMEP	14	A	15	11	4-2/5	12	1
UTRS213BMEP	12	A	15	11	4-2/5	6	1
UTRS213CFLMEP	14	A	15	11	4-2/5	12	1
UTRS213CM EP	13	A	15	11	4-2/5	6	1
UTRS223AFLMEP	15	D	13	13	5	21	1
UTRS223AMEP	14	D	13	13	5	21	1
UTRS502BMEP	10	A	14	8	4-2/5	7	1
UTZRS101CFLMEP	7	A	10-9/10	8	3-1/2	26	1

¹ Enclosure Styles on page 2-12.

² Knockout Figures on pages 2-13–2-14.

Enclosure Styles / Cabinet Dimensions



Data subject to change without notice.

Knockout Configurations

Single Socket

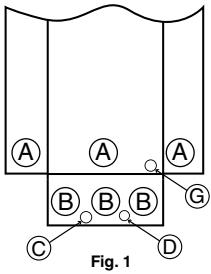


Fig. 1

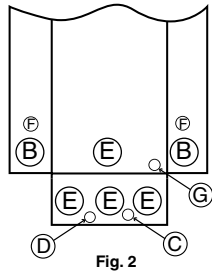


Fig. 2

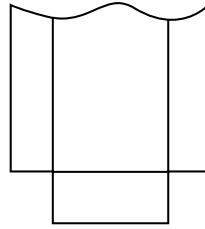


Fig. 3

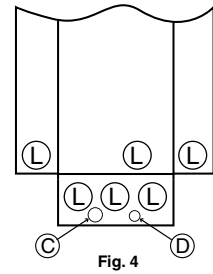


Fig. 4

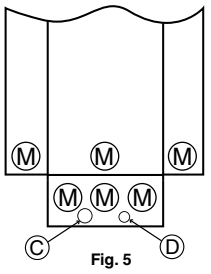


Fig. 5

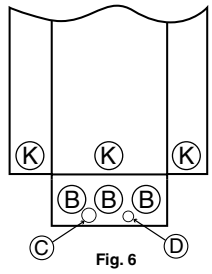


Fig. 6

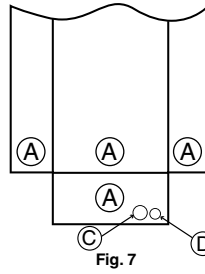


Fig. 7

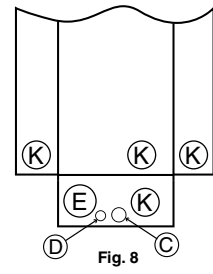


Fig. 8

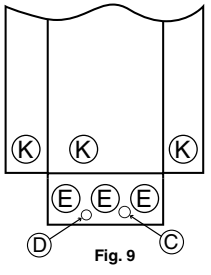


Fig. 9

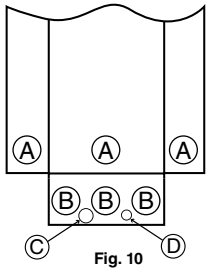


Fig. 10

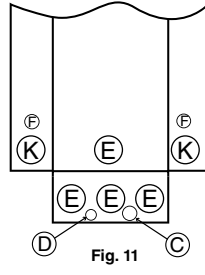


Fig. 11

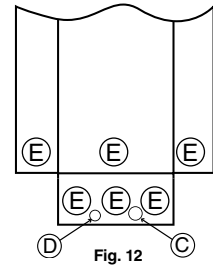


Fig. 12

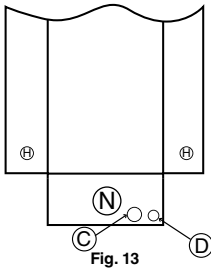


Fig. 13

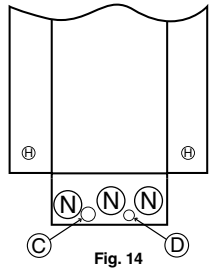


Fig. 14

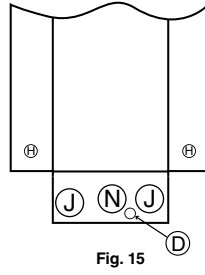


Fig. 15

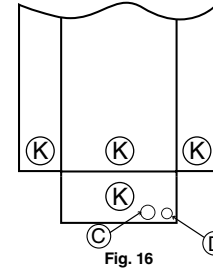


Fig. 16

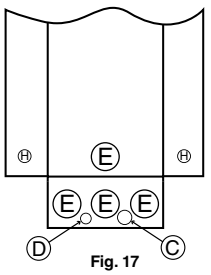


Fig. 17

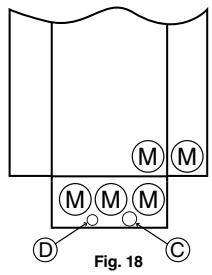


Fig. 18

Knockout Key

- A = 1-1/2", 2", 2-1/2"
- B = 1-1/4", 1-1/2", 2", 2-1/2"
- C = 1/2"
- D = 5/16"
- E = 2", 2-1/2", 3"
- F = 1/2", 3/4"
- G = 7/16"
- H = 3/4"

- I = 1-1/4", 1-1/2", 2"
- J = 1/2", 3/4", 1", 1-1/4"
- K = 1", 1-1/4", 1-1/2", 2", 2-1/2"
- L = 2", 2-1/2", 3", 3-1/2"
- M = 2", 2-1/2", 3", 3-1/2", 4"
- N = 1", 1-1/4", 1-1/2", 2"
- O = 1/2", 3/4", 1", 1-1/4", 1-1/2"

* Knockouts shown for size not for exact positions.

Knockout Configurations

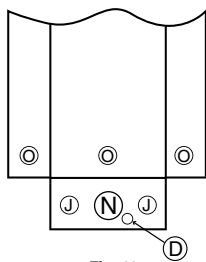


Fig. 19

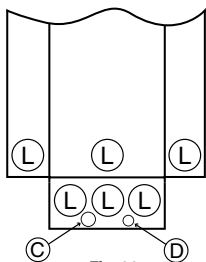


Fig. 20

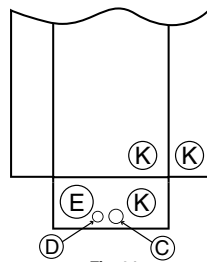


Fig. 21

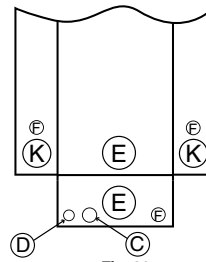


Fig. 22

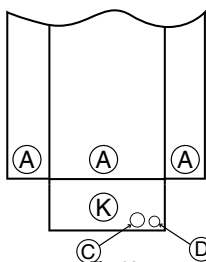


Fig. 23

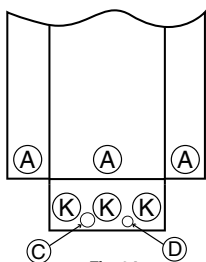


Fig. 24

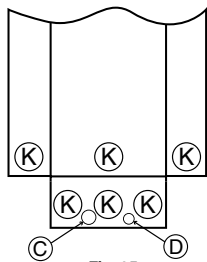


Fig. 25

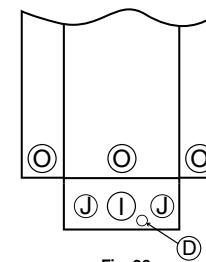


Fig. 26

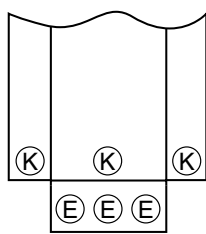


Fig. 27

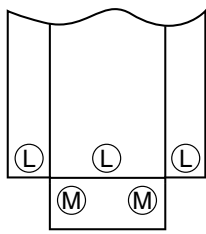


Fig. 28

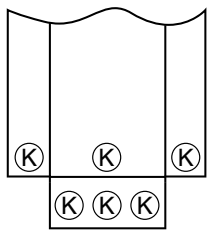


Fig. 29

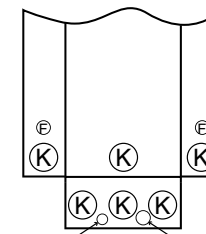


Fig. 30

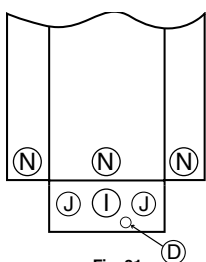


Fig. 31

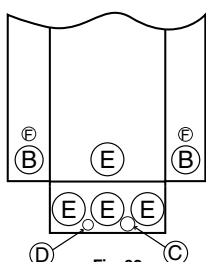


Fig. 32

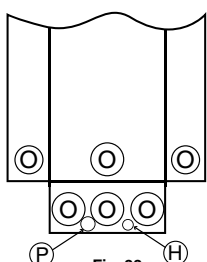


Fig. 33

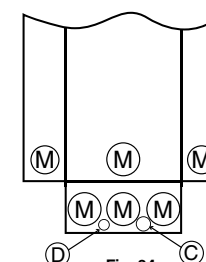


Fig. 34

Knockout Key

- | | |
|--------------------------------|------------------------------------|
| A = 1-1/2", 2", 2-1/2" | I = 1-1/4", 1-1/2", 2" |
| B = 1-1/4", 1-1/2", 2", 2-1/2" | J = 1/2", 3/4", 1", 1-1/4" |
| C = 1/2" | K = 1", 1-1/4", 1-1/2", 2", 2-1/2" |
| D = 5/16" | L = 2", 2-1/2", 3", 3-1/2" |
| E = 2", 2-1/2", 3" | M = 2", 2-1/2", 3", 3-1/2", 4" |
| F = 1/2", 3/4" | N = 1", 1-1/4", 1-1/2", 2" |
| G = 7/16" | O = 1/2", 3/4", 1", 1-1/4", 1-1/2" |
| H = 3/4" | |

* Knockouts shown for size not for exact positions.

Data subject to change without notice.

Transformer Rated Sockets

1-Phase, 20 Amps, 600V

FP&L Approved¹

Amps	Model Number	End Lug Size (CU/AL)	Side Lug Size (CU/AL)	Overhead/Underground Line Feed	Number of Terminals	Hub Type	Enclosure N3R	Certification
20	UASTH61C755GE	#14-2	#14-2	Top/Bottom	6	Small Hub Cover Plate	Aluminum	UL, FP&L
	USTH61C756MEP	#14-2	#14-2	Top/Bottom	6	Small Hub Cover Plate	Steel	
	UASTH131B757MEP	#14-2	#14-2	Top/Bottom	13	Small Hub Opening	Aluminum	
	USTH131C758MEP	#14-2	#14-2	Top/Bottom	13	Small Hub Cover Plate	Steel	

¹ Units come with a test switch (not pre-wired) and have a one piece ringless cover.

TECO Approved¹

Amps	Model Number	End Lug Size (CU/AL)	Side Lug Size (CU/AL)	Overhead/Underground Line Feed	Number of Terminals	Hub Type	Enclosure N3R	Certification
20	URSTH62B759MEP	#14-2	#14-2	Top/Bottom	6	Small Hub Opening	Steel	UL, TECO
	UARSTH62B760MEP	#14-2	#14-2	Top/Bottom	6	Small Hub Opening	Aluminum	
	URSTH132C761MEP	#14-2	#14-2	Top/Bottom	13	Small Hub Cover Plate	Steel	
	UARSTH132C762MEP	#14-2	#14-2	Top/Bottom	13	Small Hub Cover Plate	Aluminum	

¹ Units are pre-wired with test switch (per TECO specs) and have a two piece ring type cover.

Accessories

Model Number	Description
ARP00920MEP	Plastic Meter Socket Cover Plate

Hub Kits

Model Number	Description
ARP00003MEP	1" Hub Kit, Small
ARP00004MEP	1.25" Hub Kit, Small
ARP00005MEP	1.5" Hub Kit, Small
ARP00006MEP	2" Hub Kit, Small
ARP00007MEP	2.5" Hub Kit, Small



ARP00003MEP, ARP00004MEP, ARP00005MEP,
ARP00006MEP, ARP00007MEP

Hub Cover Plates

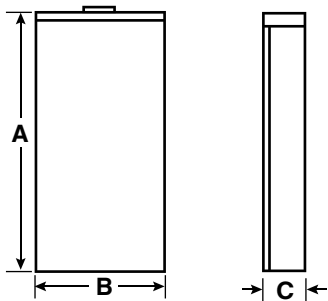
Model Number	Description
ARP00002MEP	Small Steel Bolt-on Hub Cover Plate, 3-5/16" x 3-5/16"
ARP00008MEP	Small Aluminum Bolt-on Hub Cover Plate, 3-5/16" x 3-5/16"

Technical Data

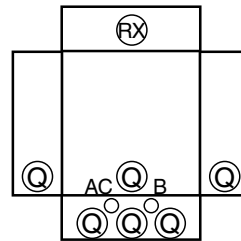
Model Number	Gross Weight (lbs.)	Cabinet Dimensions (inches)			Std. Pkg.
		Height (A)	Width (B)	Depth (C)	
UASTH61C755GE	19	20	12	4-9/25	1
USTH61C756GE	26				
UASTH131B757GE	19				
USTH131C758GE	27				
URSTH62B759GE	23				
UARSTH62B760GE	19				
URSTH132C761GE	27				
UARSTH132C762GE	29				

Single Socket

Cabinet Dimensions



Knockout Configurations



Knockout Key

- B = 1/2", 3/4"
- Q = 1", 1-1/4", 1-1/2"
- AC = 1/4", 1/2"
- RX = ø7.750 Hub OP

Section 3

Horizontal Meter Sockets



Application Information

Midwest's Horizontal Metering offers metering options for strip malls and small commercial buildings with 2 – 6 metering locations. Available in 100A – 200A. Has compact vertical footprint. Utility certifications available on selected models.



Features and Benefits

- Single phase
- Top / Bottom Feed
- Multiple hub opening and closure plate sizes available
- Hub opening in top endwall, requires use of a bolt-on hub or closing plate
- 1Ø, 600 Vac maximum
- Main lugs only

Rugged Durability

- NEMA 3R enclosure
- 2 through 6 meter positions, with and without horn or lever bypass

Installation Ease

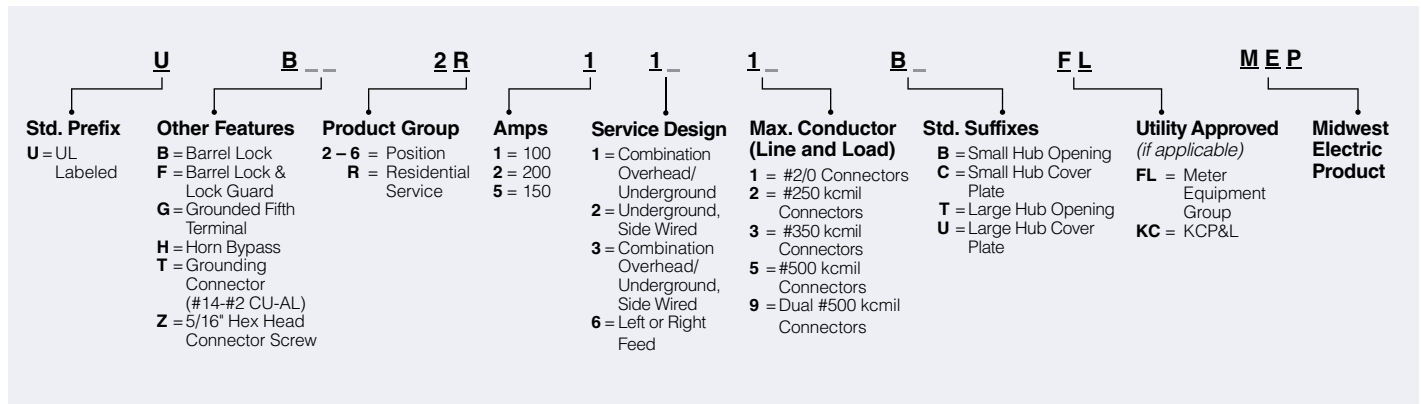
- Overhead and underground service feeds
- End or center feed

User Safety

- Selected items are utility approved
- 10 kA short circuit rating (or higher with utility approval)



Horizontal Mtr Socket



* Model numbers beginning with "10" or "MEP" will not follow the nomenclature.

Data subject to change without notice.

Two or Three Sockets

1-Phase, Top/Bottom Feed, 100 – 200 Amps

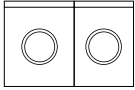


Fig. A
MEPKR2CS1ET

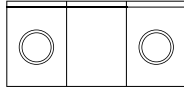


Fig. B
UBH2R1121BMEP, UT2R1121BMEP,
UT2R1121CFLMEP, UG2R5332CKCMEP,
UT2R5332BMEP, 1006737BMEP,
U2R2332UMEP, UBH2R2332TMEP,
UFHT2R2332TMEP, UHT2R2332TMEP,
UT2R2332TMEP, UT2R2332UFLMEP

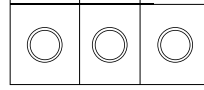


Fig. C
UT3R5632BMEP



Fig. D
MEPKR3CS1ET, UBH3R1121BMEP, UT3R1121BMEP,
UT3R1121CFLMEP, UBH3R2332TMEP,
UFHT3R2332TMEP, UHT3R2332TMEP,
UT3R2332TMEP, UT3R2332UFLMEP

Horizontal Mtr Socket

Fig.	Model Number Ringless	Amps	Feed Type	Line Wire Range (CU/AL)	Ground Lug Size	Triplex Ground	Number of Terminals	Lever Bypass	Horned Bypass	Hub Type	Enclosure N3R	UL and Utility Approved
A	MEPKR2CS1ET	200	Center	#8-250MCM Load	#14-2	Y	4	N	N	Large Hub Cover Plate	G90 Steel	UL
B	UBH2R1121BMEP	100	Center	#6-250MCM Line #8-2/0 Load	No Ground	N	4	N	Y	Small Hub Opening	G90 Steel	UL
B	UT2R1121BMEP	100	Center	#6-250MCM Line #8-2/0 Load	#14-2	Y	4	N	N	Small Hub Opening	G90 Steel	UL, CMP
B	UTZ2R1121CFLMEP	100	Center	#6-350MCM Line #8-250MCM Load	#14-2	Y	4	N	N	Large Hub Cover Plate	G90 Steel	UL, MEG
B	UG2R5332CKCMEP	150	Center	#6-350MCM Line #8-250MCM Load	No Ground	N	5	N	N	Small Hub Cover Plate	G90 Steel	UL, KCP&L
B	UT2R5332BMEP	150	Center	#6-350MCM Line #8-250MCM Load	#14-2	Y	4	N	N	Small Hub Opening	G90 Steel	UL
B	1006737BMEP	200	Center	3/8" Stud Line-Max 350MCM ¹ #8-250 MCM Load	No Ground	N	4	N	N	Large Hub Cover Plate	G90 Steel	UL, DTE
B	U2R2332UMEP	200	Center	#6-350MCM Line #8-250MCM Load	No Ground	N	4	N	N	Large Hub Cover Plate	G90 Steel	UL
B	UBH2R2332TMEP	200	Center	#6-350MCM Line #8-250MCM Load	No Ground	N	4	N	Y	Large Hub Opening	G90 Steel	UL
B	UFHT2R2332TMEP	200	Center	#8-350MCM Line #8-250MCM Load	#14-2	Y	4	N	Y	Large Hub Opening	G90 Steel	UL, AEP
B	UHT2R2332TMEP	200	Center	#6-350MCM Line #8-250MCM Load	#14-2	Y	4	N	Y	Large Hub Opening	G90 Steel	UL
B	UT2R2332TMEP	200	Center	#6-350MCM Line #8-250MCM Load	#14-2	Y	4	N	N	Large Hub Opening	G90 Steel	UL, CMP
B	UT2R2332UFLMEP	200	Center	#6-350MCM Line #8-2/0 Load	#14-2	Y	4	N	N	Small Hub Cover Plate	G90 Steel	UL, MEG
C	UT3R5632BMEP	150	End	#6-350MCM Line #8-250MCM Load	#14-2	Y	4	N	N	Small Hub Opening, Small Hub Cover Plate	G90 Steel	UL
D	UBH3R1121BMEP	100	Center	#6-250MCM Line #8-2/0 Load	No Ground	N	4	N	Y	Small Hub Opening	G90 Steel	UL
D	UT3R1121BMEP	100	Center	#6-250MCM Line #8-2/0 Load	#14-2	Y	4	N	N	Small Hub Opening	G90 Steel	UL, CMP
D	UTZ3R1121CFLMEP	100	Center	#6-350MCM Line #8-250MCM Load	#14-2	Y	4	N	N	Large Hub Cover Plate	G90 Steel	UL, MEG
D	MEPKR3CS1ET	200	Center	#8-250MCM Load	#14-2	Y	4	N	N	Large Hub Cover Plate	G90 Steel	UL
D	UBH3R2332TMEP	200	Center	#6-350MCM Line #8-250MCM Load	No Ground	N	4	N	Y	Large Hub Opening	G90 Steel	UL
D	UFHT3R2332TMEP	200	Center	#6-350MCM Line #8-250MCM Load	#14-2	Y	4	N	Y	Large Hub Opening	G90 Steel	UL, AEP
D	UHT3R2332TMEP	200	Center	#6-350MCM Line #8-250MCM Load	#14-2	Y	4	N	Y	Large Hub Opening	G90 Steel	UL
D	UT3R2332TMEP	200	Center	#6-350MCM Line #8-250MCM Load	#14-2	Y	4	N	N	Large Hub Opening	G90 Steel	UL, CMP
D	UT3R2332UFLMEP	200	Center	#6-350MCM Line #8-2/0 Load	#14-2	Y	4	N	N	Small Hub Cover Plate	G90 Steel	UL, MEG

¹ Lugs not included. This product comes with studs only. Order lugs separately, see Accessories on page 3-5. One lug per kit, order appropriate QTY needed.
For example, order three lugs (A, C, N) if meter is 1-Phase or four lugs (A, B, C, N) if meter is 3-Phase.

Data subject to change without notice.

Section 3 – Horizontal Meter Sockets

Four, Five or Six Sockets

1-Phase, Top/Bottom Feed, 100 – 200 Amps

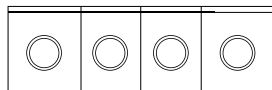


Fig. E
UT4R5632BMEP

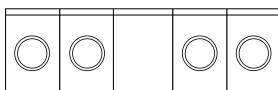


Fig. F
MEPKR4CS1ET, UT4R1121BMEP,
UTZ4R1121CFLMEP, UFHT4R2352TMEP,
UHT4R2352TMEP, UT4R2352TMEP,
UT4R2352UFLMEP

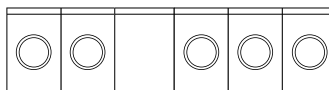


Fig. G
UT5R1121BMEP, UTZ5R1121CFLMEP,
MEPKR5CS1ET, UFHT5R2392TTMEP,
UT5R2392TTMEP, UT5R2392UFLMEP



Fig. H
UT6R1131BMEP, UTZ6R1131CFLMEP,
MEPKR6CS1ET, UFHT6R2392TTMEP,
UHT6R2392TTMEP, UT6R2392TTMEP,
UT6R2392UFLMEP

Fig.	Model Number Ringless	Amps	Feed Type	Line Wire Range (CU/AL)	Ground Lug Size	Triplex Ground	Number of Terminals	Lever Bypass	Horned Bypass	Hub Type	Enclosure N3R	UL and Utility Approved
E	UT4R5632BMEP	150	End	#6-350MCM Line #8-250MCM Load	#14-2	Y	4	N	N	Small Hub Opening, Small Hub Cover Plate	G90 Steel	UL
F	UT4R1121BMEP	100	Center	#6-250MCM Line #8-2/0 Load	#14-2	Y	4	N	N	Small Hub Opening	G90 Steel	UL, CMP
F	UTZ4R1121CFLMEP	100	Center	1/0-500MCM Line #8-250MCM Load	#14-1/0	Y	4	N	N	Large Hub Cover Plate	G90 Steel	UL, MEG
F	MEPKR4CS1ET	200	Center	#8-250MCM Load	#14-2	Y	4	N	N	Large Hub Cover Plate	G90 Steel	UL
F	UFHT4R2352TMEP	200	Center	1/0-500MCM Line #8-250MCM Load	#14-1/0	Y	4	N	Y	Large Hub Opening	G90 Steel	UL, AEP
F	UHT4R2352TMEP	200	Center	1/0-500MCM Line #8-250MCM Load	#14-2	Y	4	N	Y	Large Hub Opening	G90 Steel	UL
F	UT4R2352TMEP	200	Center	1/0 - 500MCM Line #8-250MCM Load	#14-1/0	Y	4	N	N	Large Hub Opening	G90 Steel	UL, CMP
F	UT4R2352UFLMEP	200	Center	#6-250MCM Line #8-2/0 Load	#14-2	Y	4	N	N	Small Hub Cover Plate	G90 Steel	UL, MEG
G	UT5R1121BMEP	100	Center	#6-250MCM Line #8-2/0 Load	#14-2	Y	4	N	N	Small Hub Opening	G90 Steel	UL, CMP
G	UTZ5R1121CFLMEP	100	Center	#6-250MCM Line #8-2/0 Load	#14-2/0	Y	4	N	N	(2) Large Hub Cover Plates	G90 Steel	UL, MEG
G	MEPKR5CS1ET	200	Center	1/0-500MCM Line #8-250MCM Load	#14-2/0	Y	4	N	N	(2) Large Hub Cover Plates	G90 Steel	UL
G	UFHT5R2392TTMEP	200	Center	1/0-500MCM Line #8-250MCM Load	#14-2/0	Y	4	N	Y	(2) Large Hub Openings	G90 Steel	UL, AEP
G	UT5R2392TTMEP	200	Center	1/0-500MCM Line #8-250MCM Load	#14-2/0	Y	4	N	N	(2) Large Hub Openings	G90 Steel	UL, CMP
G	UT5R2392UFLMEP	200	Center	1/0-500MCM Line #8-250MCM Load	#14-2	Y	4	N	N	Small Hub Cover Plate	G90 Steel	UL, MEG
H	UT6R1131BMEP	100	Center	#6-350MCM Line #8-2/0 Load	#14-2	Y	4	N	N	Small Hub Opening	G90 Steel	UL, CMP
H	UTZ6R1131CFLMEP	100	Center	1/0-500MCM Line #8-250MCM Load	#14-2/0	Y	4	N	N	(2) Large Hub Cover Plates	G90 Steel	UL, MEG
H	MEPKR6CS1ET	200	Center	1/0-500MCM Line #8-250MCM Load	#14-2/0	Y	4	N	N	(2) Large Hub Cover Plates	G90 Steel	UL
H	UFHT6R2392TTMEP	200	Center	1/0-500MCM Line #8-250MCM Load	#14-2/0	Y	4	N	Y	(2) Large Hub Openings	G90 Steel	UL, AEP
H	UHT6R2392TTMEP	200	Center	1/0-500MCM Line #8-250MCM Load	#14-2/0	Y	4	N	Y	(2) Large Hub Openings	G90 Steel	UL
H	UT6R2392TTMEP	200	Center	1/0-500MCM Line #8-250MCM Load	#14-2/0	Y	4	N	N	(2) Large Hub Openings	G90 Steel	UL, CMP
H	UT6R2392UFLMEP	200	Center	#6-350MCM Line #8-2/0 Load	#14-2	Y	4	N	N	Small Hub Cover Plate	G90 Steel	UL, MEG

Data subject to change without notice.

Accessories



ARP00003MEP, ARP00004MEP, ARP00005MEP,
ARP00006MEP, ARP00007MEP



ARP00017MEP, ARP00018MEP, ARP00019MEP,
ARP00020MEP, ARP00021MEP



ARP000035MEP

Model Number	Description
ARP00118MEP	One Lug for (2) #6 - 250MCM Cables/Phase
ARP00429MEP	One Lug for (1) #4-600M Cables/Phase or (2) 1/0-250 Cables/Phase
ARP00129MEP	Connector Kit #4-600MCM
ARP00326MEP	5th Terminal Kit Lever Bypass
ARP00035MEP	5th Terminal Kit Non-Lever Bypass
ARP00984MEP	Anti-Inversion Clip (10 per package)
ARP01590MEP	DTE Auxiliary Service Kit
1006630AMEP	Auxiliary Contacts Enclosure G90
ARP00920MEP	Plastic Meter Socket Cover Plate
ARP90015932MEP	2R1121 Wire Front Assembly

Hub Kits

Model Number	Description
ARP00003MEP	1" Hub Kit, Small
ARP00004MEP	1.25" Hub Kit, Small
ARP00005MEP	1.5" Hub Kit, Small
ARP00006MEP	2" Hub Kit, Small
ARP00007MEP	2.5" Hub Kit, Small
ARP00017MEP	2" Hub Kit, Large
ARP00018MEP	2.5" Hub Kit, Large
ARP00019MEP	3" Hub Kit, Large
ARP00020MEP	3.5" Hub Kit, Large
ARP00021MEP	4" Hub Kit, Large

Hub Cover Plates

Model Number	Description
ARP00002MEP	Small Steel Hub Cover Plate for 3.31" Hub Openings
ARP00008MEP	Small Aluminum Hub Cover Plate for 3.31" Hub Openings
ARP00015MEP	Adapter Plate for 5" to 3.31" Hub Openings
ARP00016MEP	Large Steel Hub Cover Plate for 5" Hub Openings
ARP00023MEP	Large Aluminum Hub Cover Plate for 5" Hub Openings

Data subject to change without notice.

Technical Data

Model Number Ringless	Gross Weight (lbs.)	Enclosure Style ¹	Cabinet Dimensions (inches)			Knockout Figure ²
			Height (A)	Width (B)	Depth (C)	
1006737BMEP	28.5	D	14-1/10	24-3/10	5-2/5	11
MEPKR2CS1ET	29	D	14-1/10	24-3/10	5-4/10	4
MEPKR3CS1ET	39	E	14-1/10	32-1/2	5-4/10	7
MEPKR4CS1ET	49	H	14-1/10	40-7/10	5-4/10	15
MEPKR5CS1ET	62	A	14-1/10	54-4/5	5-2/5	1
MEPKR6CS1ET	72	B	14-1/10	63	5-2/5	2
U2R2332UMEP	28	D	14-1/10	24-3/10	5-2/5	4
UBH2R1121BMEP	27	D	14-1/10	24-3/10	4-1/2	5
UBH2R2332TMEP	28	D	14-1/10	24-3/10	5-4/10	4
UBH3R1121BMEP	34	I	14-1/10	32-1/2	4.50	6
UBH3R2332TMEP	38	I	14-1/10	32-1/2	5-2/5	7
UFHT2R2332TMEP	30	B	14-1/10	24-3/10	5-2/5	4
UFHT3R2332TMEP	41	E	14-1/10	32-1/2	5-2/5	7
UFHT4R2352TMEP	52	H	14-1/10	40-7/10	5-2/5	12
UFHT5R2392TTMEP	67	A	14-1/10	54-4/5	5-2/5	1
UFHT6R2392TTMEP	78	B	14-1/10	83	5-2/5	2
UG2R5332CKCMEP	29	D	14-1/10	24-3/10	5-2/5	4
UHT2R2332TMEP	28.2	D	14-1/10	24-3/10	5-2/5	4
UHT3R2332TMEP	36	I	14-1/10	32-1/2	5-2/5	7
UHT4R2352TMEP	48	H	14-1/10	40-7/10	5-2/5	12
UHT6R2392TTMEP	74	B	14-1/10	63	5-2/5	1
UT2R1121BMEP	25	D	14-1/10	24-3/10	4-1/2	5
UT2R2332TMEP	29	D	14-1/10	24-3/10	5-2/5	4
UT2R2332UFLMEP	27	D	14-1/10	24-9/10	4-1/2	4
UT2R5332BMEP	13	D	14-1/10	24-3/10	5-2/5	4
UT3R1121BMEP	35	I	14-1/10	32-1/2	4-1/2	6
UT3R2332TMEP	39	I	14-1/10	32-1/2	5-2/5	7
UT3R2332UFLMEP	34	I	14-1/10	40-9/10	4-1/2	7
UT3R5632BMEP	30	F	14-1/10	32-3/10	5-2/5	8
UT4R1121BMEP	42	H	14-1/10	40-7/10	4-1/2	13
UT4R2352TMEP	49	H	14-1/10	40-7/10	5-2/5	12
UT4R2352UFLMEP	42	H	14-1/10	40-7/10	4-1/2	12
UT4R5632BMEP	40	G	14-1/10	40-1/2	5-2/5	9
UT5R1121BMEP	48	A	14-1/10	48-4/5	4-1/2	13
UT5R2392TTMEP	63	A	14-1/10	54-4/5	5-2/5	1
UT5R2392UUFLMEP	49	A	14-1/10	48-4/5	4-1/2	1
UT6R1131BMEP	55	B	14-1/10	57	4-1/2	10
UT6R2392TTMEP	72	B	14-1/10	63	5-2/5	1
UT6R2392UUFLMEP	56	B	14-1/10	57	4-1/2	2
UTZ2R1121CFLMEP	29	D	14-1/10	24-3/10	5-2/5	5
UTZ3R1121CFLMEP	39	E	14-1/10	33	5-2/5	6
UTZ4R1121CFLMEP	49	H	14-1/10	40-7/10	5-2/5	13
UTZ5R1121CFLMEP	63	A	14-1/10	54-4/5	5-2/5	14
UTZ6R1131CFLMEP	73	B	14-1/10	63	5-2/5	10

¹ Enclosure Styles on page 3-7.
² Knockout Figures on pages 3-8–3-9.

Enclosure Styles / Cabinet Dimensions

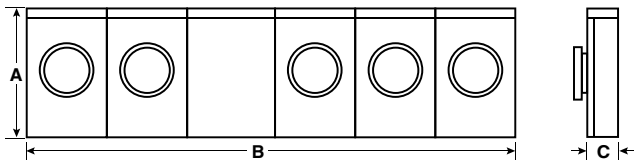


Fig. A

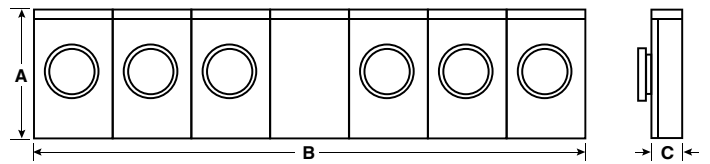


Fig. B

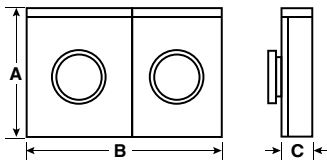


Fig. C

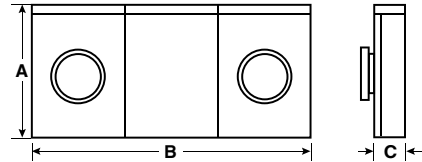


Fig. D

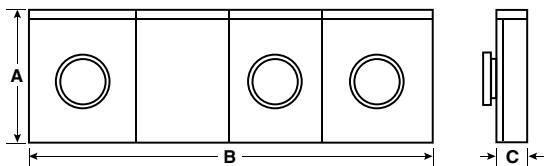


Fig. E

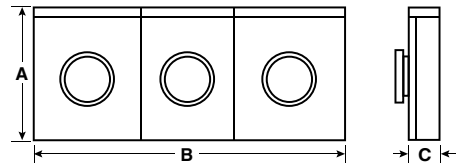


Fig. F

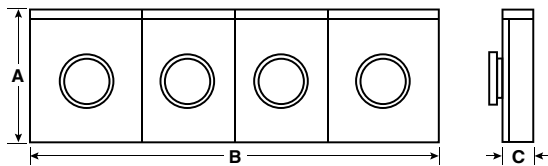


Fig. G

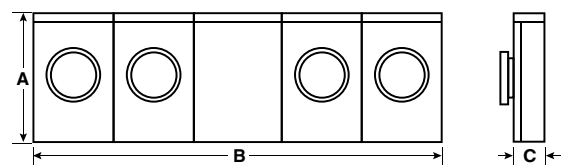


Fig. H

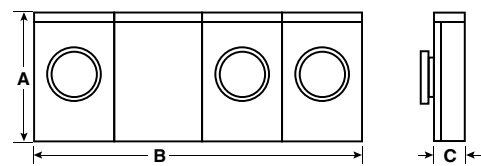


Fig. I

Horizontal Mtr Socket

Knockout Configurations

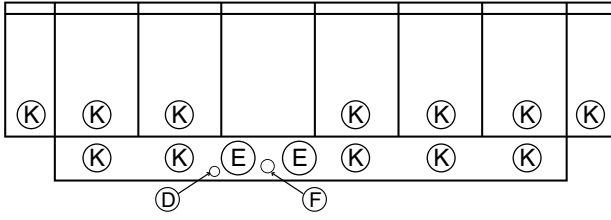


Fig. 1

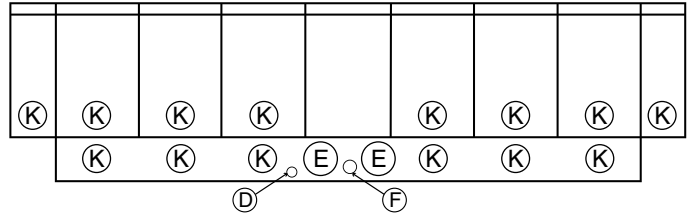


Fig. 2

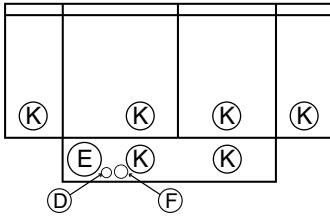


Fig. 3

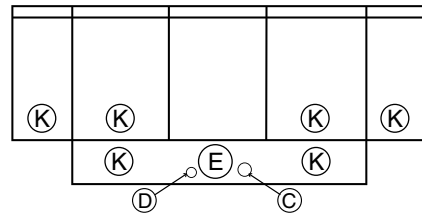


Fig. 4

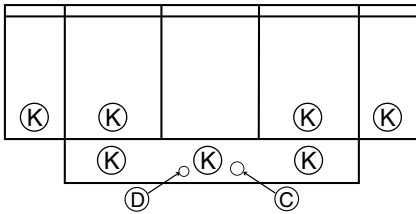


Fig. 5

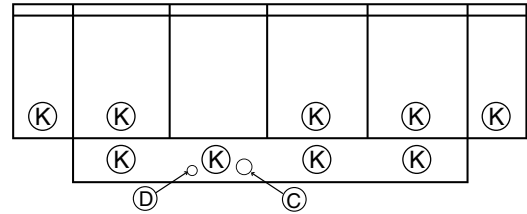


Fig. 6

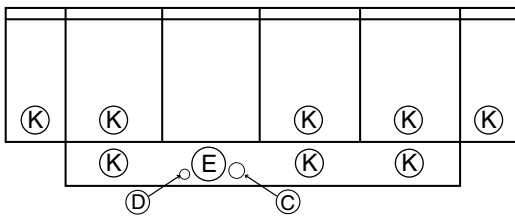


Fig. 7

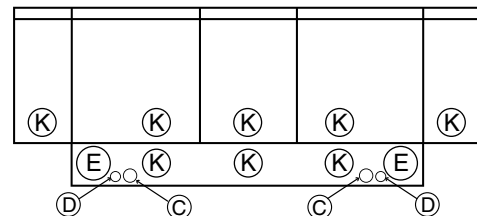


Fig. 8

Knockout Key

- C = 1/2"
- D = 5/16"
- E = 2", 2-1/2", 3"
- F = 1/2", 3/4"
- I = 1-1/4", 1-1/2", 2"
- J = 1/2", 3/4", 1", 1-1/4"
- K = 1", 1-1/4", 1-1/2", 2", 2-1/2"
- L = 2", 2-1/2", 3", 3-1/2"

* Knockouts shown for size not for exact positions.

Data subject to change without notice.

Knockout Configurations

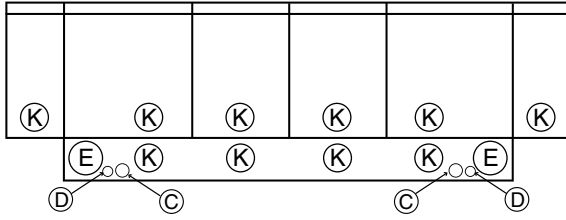


Fig. 9

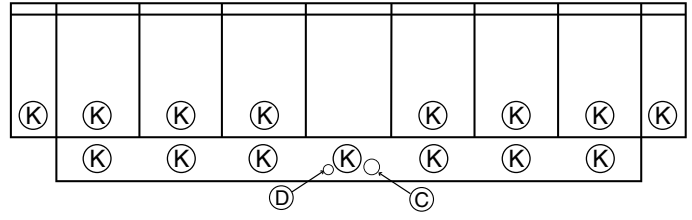


Fig. 10

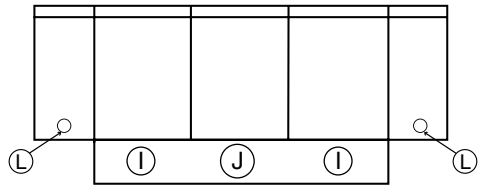


Fig. 11

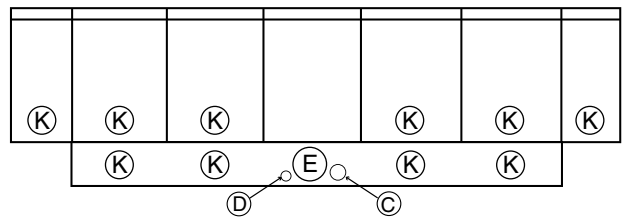


Fig. 12

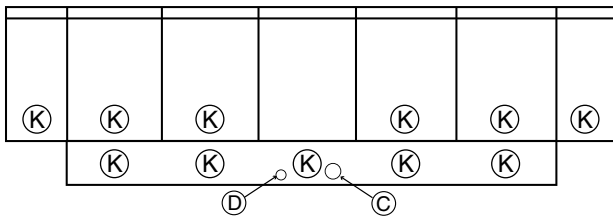


Fig. 13

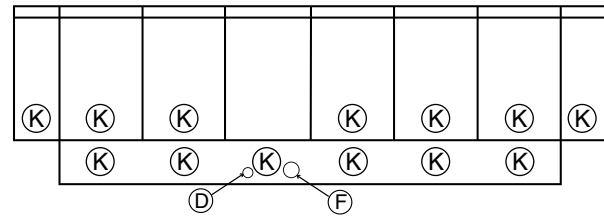


Fig. 14

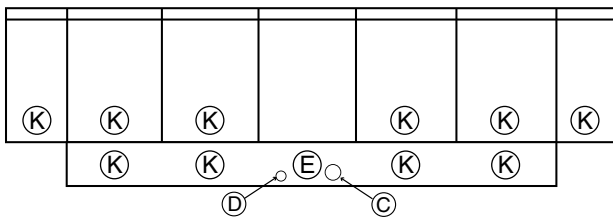


Fig. 15

Knockout Key

- C = 1/2"
- D = 5/16"
- E = 2", 2-1/2", 3"
- F = 1/2", 3/4"
- I = 1-1/4", 1-1/2", 2"
- J = 1/2", 3/4", 1", 1-1/4"
- K = 1", 1-1/4", 1-1/2", 2", 2-1/2"
- L = 2", 2-1/2", 3", 3-1/2"

Notes

Section 4

Circuit Breakers



Application Information

To meet your electrical installation needs, we offer a full range of circuit breakers which includes Dual Function (DFCI), Ground Fault (GFI), and Combination Arc Fault (AFCI).

Specifications and Features

- Plug-on, short pigtail, and long pigtail neutral options.
- Unique sizing — as narrow as 1/2"
- Arc-Fault Circuit Interrupters (AFCI) can detect and interrupt arcing caused by damaged wire insulation or a frayed extension cord
- Ground Fault Circuit Interrupters (GFCI) eliminate the need for separate GFCI receptacles
- Dual Function Circuit Interrupters (DFCI) combine the functions of both the AFCI and GFCI circuit breakers in a cost effective and simple package



THQL2140



THQL1120AF2



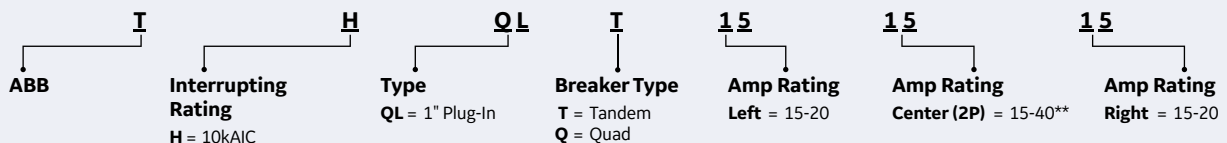
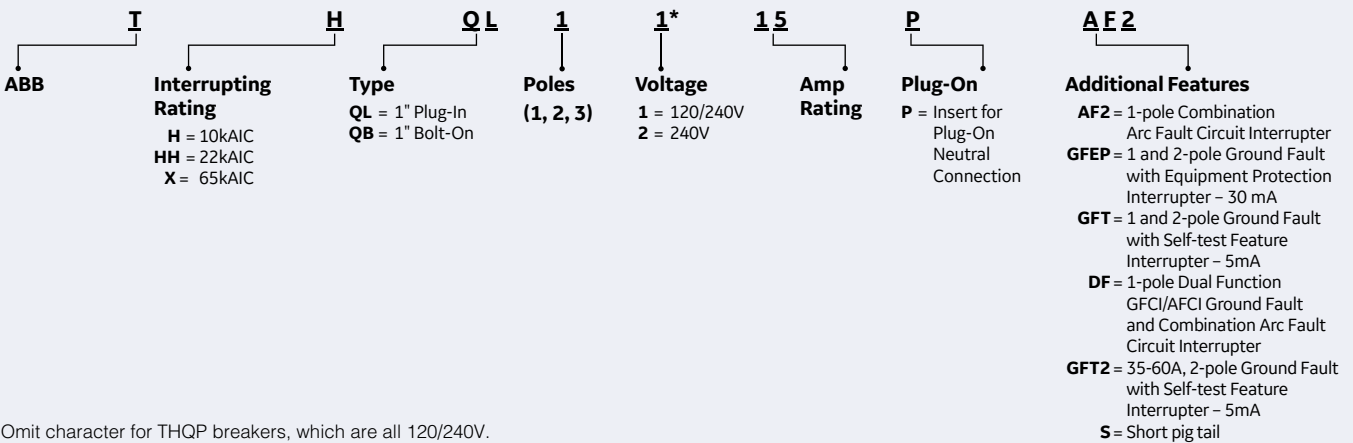
THQL1115DF



THQL2120GFT



THQLQ154015



** Does not apply for Tandem Breakers.

Q-Line Plug-in

- UL Listed Molded Case Circuit Breakers No. 489
- Federal Government Specification Qualified WC-375B
- 60°C/75°C Conductor Rating
- Quick make, quick break
- Box type terminals



One Pole / Two Pole / Three Pole, 1" Module, 15 –125 Amps, 120/240VAC or 240VAC

Amps	10,000 AIC		22,000 AIC			65,000 AIC	Wire Range (AWG/kcmil) ⁴		UL
	THQL Model		THHQL Model			TXQL Model	Copper	Aluminum	
	120/240VAC	240VAC	120/240VAC	120/240VAC	240VAC	120/240VAC			
One Pole¹									
15 ²	THQL1115	—	THHQL1115	—	—	TXQL1115	14-8	12-8	Y
20 ²	THQL1120	—	THHQL1120	—	—	TXQL1120	14-8	12-8	
30	THQL1130	—	THHQL1130	—	—	TXQL1130	14-8	12-8	
35	THQL1135	—	THHQL1135	—	—	—	8-3	8-3	
40	THQL1140	—	THHQL1140	—	—	—	8-3	8-3	
45	THQL1145	—	THHQL1145	—	—	—	8-3	8-3	
50	THQL1150	—	THHQL1150	—	—	—	8-3	8-3	
60	THQL1160	—	THHQL1160	—	—	—	8-3	8-3	
Two Pole³ (Incorporates Internal Common Trip Bar)									
15	THQL2115	THQL22015 ⁵	THHQL2115	—	THHQL22015 ⁵	TXQL2115	14-8	12-8	Y
20	THQL2120	THQL22020 ⁵	THHQL2120	—	THHQL22020 ⁵	TXQL2120	14-8	12-8	
25	THQL2125	THQL22025 ⁵	THHQL2125	—	THHQL22025 ⁵	TXQL2125	14-8	12-8	
30	THQL2130	THQL22030 ⁵	THHQL2130	—	THHQL22030 ⁵	TXQL2130	14-8	12-8	
35	THQL2135	THQL22035 ⁵	THHQL2135	—	THHQL22035 ⁵	—	8-3	8-3	
40	THQL2140	THQL22040 ⁵	THHQL2140	THHQL2140RM	THHQL22040 ⁵	—	8-3	8-3	
45	THQL2145	THQL22045 ⁵	THHQL2145	—	THHQL22045 ⁵	—	8-3	8-3	
50	THQL2150	THQL22050 ⁵	THHQL2150	THHQL2150RM	THHQL22050 ⁵	—	8-3	8-3	
60	THQL2160	THQL22060 ⁵	THHQL2160	THHQL2160RM	THHQL22060 ⁵	—	8-3	8-3	
70	THQL2170	THQL22070 ⁵	THHQL2170	THHQL2170RM	THHQL22070 ⁵	—	6-1/0	4-1/0	
80	THQL2180	THQL22080 ⁵	THHQL2180	THHQL2180RM	THHQL22080 ⁵	—	6-1/0	4-1/0	
90	THQL2190	THQL22090 ⁵	THHQL2190	THHQL2190RM	THHQL22090 ⁵	—	6-1/0	4-1/0	
100	THQL21100	THQL22100 ⁵	THHQL21100	THHQL21100RM	THHQL22100 ⁵	—	6-1/0	4-1/0	
110	THQL21110	—	THHQL21110	THHQL21110RM	—	—	2-2/0	2-2/0	
125	THQL21125	—	THHQL21125	THHQL21125RM	—	—	2-2/0	2-2/0	
Three Pole³ (Incorporates Internal Common Trip Bar)									
15	—	THQL32015	—	—	THHQL32015	TXQL32015	14-8	12-8	Y
20	—	THQL32020	—	—	THHQL32020	TXQL32020	14-8	12-8	
25	—	THQL32025	—	—	THHQL32025	TXQL32025	14-8	12-8	
30	—	THQL32030	—	—	THHQL32030	TXQL32030	14-8	12-8	
35	—	THQL32035	—	—	THHQL32035	—	8-3	6-3	
40	—	THQL32040	—	—	THHQL32040	—	8-3	6-3	
45	—	THQL32045	—	—	THHQL32045	—	8-3	6-3	
50	—	THQL32050	—	—	THHQL32050	—	8-3	6-3	
60	—	THQL32060	—	—	THHQL32060	—	8-3	6-3	
70	—	THQL32070	—	—	THHQL32070	—	6-1/0	4-1/0	
80	—	THQL32080	—	—	THHQL32080	—	6-1/0	4-1/0	
90	—	THQL32090	—	—	THHQL32090	—	6-1/0	4-1/0	
100	—	THQL32100	—	—	THHQL32100	—	6-1/0	4-1/0	

¹ UL Listed as HACR (heating, air conditioning and refrigeration).

² UL Listed as SWD (switching duty). Suitable for 120V AC fluorescent lighting loads.

³ 15 - 100 amp, UL Listed as HACR (heating, air conditioning and refrigeration).

⁴ Solid or stranded for 14-10 AWG.

⁵ Required for three-phase and High Leg Delta Systems only.

Tandem and Quads, 120/240VAC

Amps			10,000 AIC		UL
Right	Center	Left	1" Module — (2) 1 Pole	2" Module — (2) 1 Pole and (1) 2 Pole	
15	—	15	THQLT1515	—	Y
20	—	20	THQLT2020	—	
15	—	20	THQLT1520	—	
15	15	15	—	THQLQ151515	
15	20	15	—	THQLQ152015	
15	30	15	—	THQLQ153015	
15	40	15	—	THQLQ154015	
20	15	20	—	THQLQ201520	
20	20	20	—	THQLQ202020	
20	30	20	—	THQLQ203020	
20	40	20	—	THQLQ204020	
20	30	15	—	THQLQ203015	

Data subject to change without notice.

Main Breaker Kits

For Use with 125 Amp Load Centers

Amps	Model Number	Lug Wire Size (AWG/kcmil) Cu/Al	UL
—	MQMH000 ¹	—	Y

¹ Order breaker separately. See Main Breaker table below.



100 – 225 Amps

Amps	Model Number ²	Lug Wire Size (AWG/kcmil) Cu/Al	UL
100	THQMV100E	1-300 (Cu), 2/0-300 (Al)	Y
125	THQMV125E		
150	THQMV150E		
175	THQMV175E		
200	THQMV200E		
225	THQMV225E		

² Includes a breaker and mounting base.



Main Breakers

Two Pole^{1,2}, 15 – 125 Amps, 120/240VAC

Amps	10,000 AIC	22,000 AIC	UL
	Model Number	Model Number	
	1" Module	1" Module	
15	THQL2115	THHQL2115	Y
20	THQL2120	THHQL2120	
25	THQL2125	THHQL2125	
30	THQL2130	THHQL2130	
35	THQL2135	THHQL2135	
40	THQL2140	THHQL2140	
45	THQL2145	THHQL2145	
50	THQL2150	THHQL2150	
60	THQL2160	THHQL2160	
70	THQL2170	THHQL2170	
80	THQL2180	THHQL2180	
90	THQL2190	THHQL2190	
100	THQL21100	THHQL21100	
110	THQL21110	THHQL21110	
125	THQL21125	THHQL21125	

¹ 15 - 100 amp, UL Listed as HACR (heating, air conditioning and refrigeration).

² Incorporates internal common trip bar.



Arc Fault

- UL Listed Molded Case Circuit Breakers No. 489
- UL Listed Arc Fault Circuit Interrupters No. 1699

One Pole^{1,2}, 10 – 20 Amps, 120/240VAC

Amps	10,000 AIC		22,000 AIC		UL
	Model Number		Model Number		
10	THQL1115AF2		THHQL1115AF2		Y
20	THQL1120AF2		THHQL1120AF2		



THQL1120AF2

¹ Combination AFCI compliant with 2008 NEC and later requirements.

² For two pole shared neutral applications, use (2) one pole circuit breakers with a handle tie.

Dual Function GFCI/AFCI Ground Fault and Combination Arc Fault Circuit Breaker

- UL Listed Molded Case Circuit Breakers No. 489
- UL Listed Arc Fault Circuit Interrupters No. 1699
- UL Listed Ground Fault Circuit Interrupters No. 943 ed5 (5 milliamperes)

One Pole, 15 – 20 Amps, 120VAC

Amps	10,000 AIC		22,000 AIC		UL
	Model Number		Model Number		
15	THQL1115DF		THHQL1115DF		Y
20	THQL1120DF		THHQL1120DF		



THQL1115DF

Ground Fault with Self-Test Feature

- UL Listed Ground Fault Circuit Interrupters No. 943 ed5 (5 milliamperes)

One Pole / Two Pole¹, 15 – 50 Amps, 120VAC or 120/240VAC

Amps	10,000 AIC		22,000 AIC		UL
	Model Number				
	One Pole – 120VAC	Two Pole – 120/240VAC	One Pole – 120VAC		
15	THQL1115GFT	THQL2115GFT	THHQL1115GFT		cUL ^{us}
20	THQL1120GFT	THQL2120GFT	THHQL1120GFT		
25	THQL1125GFT	THQL2125GFT	THHQL1125GFT		
30	THQL1130GFT	THQL2130GFT	THHQL1130GFT		
35	—	THQL2135GFT2	—		
40	—	THQL2140GFT2 ¹	—		
45	—	THQL2145GFT2	—		
50	—	THQL2150GFT2 ¹	—		
60	—	THQL2160GFT2	—		



THQL2120GFT2

¹ UL and CSA.

Ground Fault with Equipment Protection

- UL Listed Ground Fault Circuit Interrupters No. 943 (30 milliamperes ground fault trip level)

One Pole / Two Pole¹, 15 – 30 Amps, 120VAC or 120/240VAC

Amps	10,000 AIC		UL
	Model Number		
	One Pole – 120VAC	Two Pole – 120/240VAC	
15	THQL1115GFEP	THQL2115GFEP	cUL ^{us}
20	THQL1120GFEP	THQL2120GFEP	
30	THQL1130GFEP	THQL2130GFEP	



THQL2115GFEP

Data subject to change without notice.

HID Lighting

- UL Listed as HID
- HID breakers are designed to handle the current and voltage spikes that result when gaseous discharge lamps, including fluorescent and HID, are switched on and off

One Pole / Two Pole, 15 – 30 Amps, 120VAC or 120/240VAC

Amps	10,000 AIC		22,000 AIC		UL
	Model Number		Model Number		
	One Pole – 120VAC	Two Pole – 120/240VAC	One Pole – 120VAC	Two Pole – 120/240VAC	
15	THQL1115HID	THQL2115HID	THHQL1115HID ¹	THHQL2115HID	Y
20	THQL1120HID	THQL2120HID	THHQL1120HID ¹	THHQL2120HID	
30	THQL1130HID	THQL2130HID	THHQL1130HID	THHQL2130HID	



¹ UL Listed as SWD (switching duty). Suitable for 120 volts ac fluorescent lighting loads.

High Magnetic

- UL Listed Molded Case Circuit Breakers No. 489
- High short circuit rating suitable for circuits with inherent high in-rush load currents

One Pole, 15 – 50 Amps, 120VAC

Amps	10,000 AIC	UL
	Model Number	
15	THQL1115HM	Y
20	THQL1120HM	
25	THQL1125HM	
30	THQL1130HM	
40	THQL1140HM	
50	THQL1150HM	



THQL with Factory Installed Shunt

- UL Listed Molded Case Circuit Breakers No. 489
- Shunt trip requires one additional pole of space

One Pole / Two Pole, 15 – 100 Amps, 120/240VAC or 240VAC

Amps	10,000 AIC		UL
	Model Number ¹		
	One Pole – 120/240VAC	Two Pole ² – 240VAC	
15	THQL1115ST1	THQL2115ST1	Y
20	THQL1120ST1	THQL2120ST1	
30	THQL1130ST1	THQL2130ST1	
35	THQL1135ST1	THQL2135ST1	
40	THQL1140ST1	THQL2140ST1	
45	THQL1145ST1	THQL2145ST1	
50	THQL1150ST1	THQL2150ST1	
60	—	THQL2160ST1	
70	—	THQL2170ST1	
80	—	THQL2180ST1	
90	—	THQL2190ST1	
100	—	THQL21100ST1	



¹ Solid or stranded for 14-10 AWG.

² Internal common trip.

Data subject to change without notice.

Section 5

Spa Panels / Generator Panels



Application Information

GFI disconnects provide a convenient, low-cost means, to satisfy National Electric Code requirements for a GFI disconnect for spas, hot tubs, water heaters and swimming pools. The NEMA 3R design insures a safe, weather-tight installation. All units come fully assembled and factory wired. Midwest is your best choice for quality outdoor disconnects.

Features and Benefits

- Extra circuit breaker spaces allow for future expansion
- Fully assembled unit saves costly installation time
- NEMA 3R weatherproof enclosures
- G90 galvanized steel construction for superior corrosion protection
- Durable polyester powder coat finish resists chipping and fading
- 125A rating
- All terminals accept copper or aluminum wire for installation flexibility
- Includes both overcurrent and ground fault protection
- Overhead hub opening
- Padlock provision to prevent unauthorized access



GFI Disconnect

125 Amps, 120/240V

Fig.	Model Number ¹	Extra Breaker Spaces	GFI Protection (Amps)	Amps	Hub Opening	Lug Wire Size Cu/Al	UL
A	UG412RMW250	2 or 4	50	125	Y	6-2/0	Y ²
B	UG412RMW260		60				

¹ Unit includes appropriate GFI Breaker.
² cULus approved.

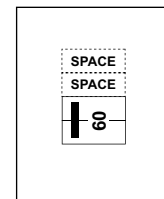


Fig. A
UG412RMW250

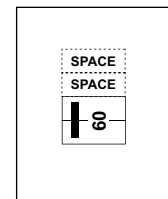
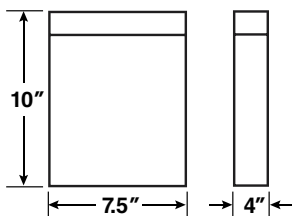
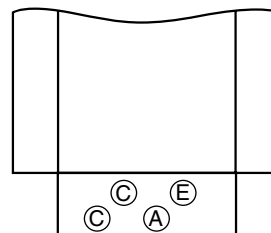


Fig. B
UG412RMW260

Cabinet Dimensions



Knockout Configurations



Knockout Key

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

* Knockouts shown for size not for exact positions.

Application Information

Main breaker Generator Panels connect the residential generator with the electrical system of your home. It is the ideal on/off switching system that allows the homeowner to change between power provided by the electrical utility and the generator. Main breaker Generator Panels help to ensure the continuous operation of critical appliances such as lighting, refrigerators, air conditioning, and water heaters.



MMC830FCUGEN

Features and Benefits

- Suitable for use in accordance with Article 702 of the National Electrical Code, ANSI/NFPA 70
- Single-phase, 2 interlock 60A or 30A main breakers, 8 circuits maximum
- Safety and convenience when using a generator – 14,000 peak wattage, 11,520 continuous load, 48A at 240 volts
- Maintains power to such critical circuits as those for furnace, pump, refrigerator, lights
- Connected dual breaker mechanism ensures that only one source is active at a time



Main Breaker

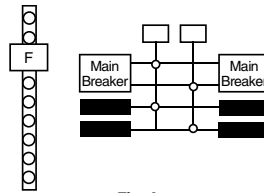


Fig. A

MMC830FCUGEN, MMC830RCUGEN, MMC830SCUGEN,
 MMC860FCUGEN, MMC860RCUGEN, MMC860SCUGEN

Terminal Symbol	Wire Range (AWG/kcmil)	
	CU	AL
O	14-8	12-8
F	6-1	6-1

Breaker Symbol	Breaker Fill	
	1" THQL	1/2" THQP
□	1	—
■	1	2

Indoor (NEMA 1) Enclosure, Factory Installed

Fig.	Model Number	Amps	1" Spaces		1/2" Spaces		Total 1 Pole Spaces	Main Wire Size (AWG/kcmil) Cu/Al	Equipment Ground Kit (Included)	Enclosure Front	Feed
			1 Pole	2 Pole	1 Pole	2 Pole					
A	MMC830FCUGEN	30	4	2	8	4	8	6-1	TGK12	Flush	Top/Bottom
A	MMC830SCUGEN	30	4	2	8	4	8	6-1	TGK12	Surface	Top/Bottom
A	MMC860FCUGEN	60	4	2	8	4	8	6-1	TGK12	Flush	Top/Bottom
A	MMC860SCUGEN	60	4	2	8	4	8	6-1	TGK12	Surface	Top/Bottom

Outdoor (NEMA 3R) Enclosure, Factory Installed

Fig.	Model Number	Amps	1" Spaces		1/2" Spaces		Total 1 Pole Spaces	Main Wire Size (AWG/kcmil) Cu/Al	Equipment Ground Kit (Included)	Feed
			1 Pole	2 Pole	1 Pole	2 Pole				
A	MMC830RCUGEN	30	4	2	8	4	8	6-1	TGK12	Top
A	MMC860RCUGEN	60	4	2	8	4	8	6-1	TGK12	Top

Data subject to change without notice.

Technical Data

Model Number	Weight (lbs.)	Dimensions (inches)			Knockout Figure
		Height	Width	Depth	
MMC830FCUGEN	8-1/2	11-3/8	11-9/16	3-3/8	1
MMC830RCUGEN	10	11-1/4	11-1/8	3-1/4	2
MMC830SCUGEN	8-1/2	11-3/8	11-9/16	3-3/8	1
MMC860FCUGEN	8-1/2	11-3/8	11-9/16	3-3/8	1
MMC860RCUGEN	10	11-1/4	11-1/8	3-1/4	2
MMC860SCUGEN	8-1/2	11-3/8	11-9/16	3-3/8	1

Knockout Configurations

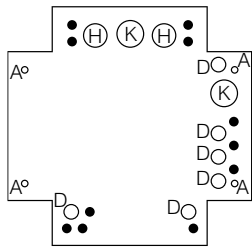


Fig. 1

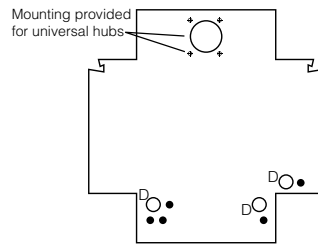


Fig. 2

Knockout Key

A = 5/16"

D = 3/8", 1/2", 3/4", 1"

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

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

* Knockouts shown for size not for exact positions.

Section 6

Safety Switches



Application Information

General Duty

General Duty (Type MG) switches are designed for residential and light commercial applications where duty is not severe. The maximum voltage is 240 Vac / 250 Vdc. All General Duty safety switches are UL and cUL listed (UL98 Enclosed Switches) and meet NEMA Enclosed Safety Switch Standard KS1-2013, meet Federal Specification WS-865C and are also Seismic Certified.

Heavy Duty

Heavy Duty (Type MH) switches are designed for commercial and industrial applications where safety and superior reliability are essential. The maximum voltage is 600 Vac / 250 Vdc. Our Heavy Duty switches provide superior endurance performance, and when used with Class R or J fuses, 30-600A switches have a UL listed short-circuit rating of 200kAIC. They are UL listed as service equipment when installed in accordance with the National Electric Code. All Heavy Duty safety switches are UL and cUL listed (UL98 Enclosed Switches) and meet NEMA Enclosed Safety Switch Standard KS1-2013, meet Federal Specification WS-865C and are also Seismic Certified.

Features and Benefits

Flexibility

- 30-600 Amps
- NEMA Type 1 or NEMA Type 3R enclosures
- Fusible or Non-fusible
- 240 Vac / 250 Vdc or 600 Vac / 250 Vdc
- 2 pole or 3 pole
- Horsepower rated

User Safety

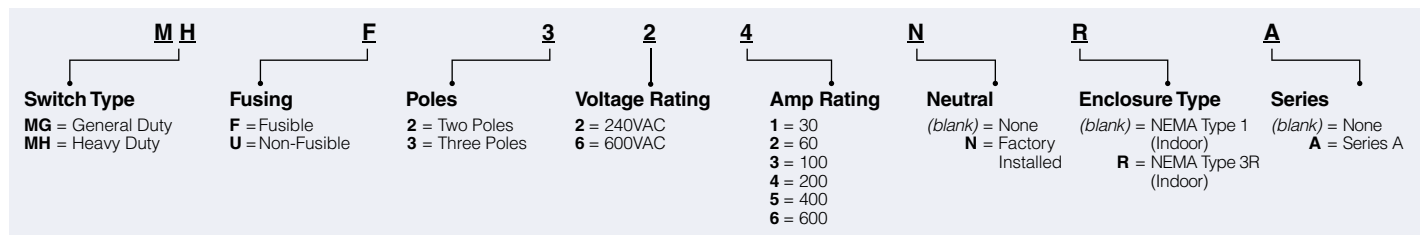
- Highly visible ON-OFF label
- Our General Duty switch features a highly visible, easy to grip red handle that accepts one padlock in the OFF position.
- The Heavy Duty switch features an upgraded “donut” handle ideal for hook stick operation and accepts three padlocks in the OFF position
- Direct-drive, quick-make, quick-break mechanism “snaps” the contacts open and closed, providing positive ON-OFF indication
- Our General Duty switch has an integral cover interlock
- The Heavy Duty switch has coin-proof, defeatable interlock
- Visible confirmation of plated blade contact positions
- Spring reinforced fuse clips assure reliable contact for cool operation
- Suitable for Class H, K, J or R fuses, where applicable

Installation Ease

- Wide, unobstructed gutter
- Self-leveling three-point mounting pattern
- Wall mounting bracket for 400A and 600A switches

Rugged Durability

- NEMA Type 1 enclosures – powder coat painted steel
- NEMA Type 3R enclosures – powder coat painted galvanized steel



General Duty

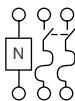


Fig. A

MGF221N, MGF222N, MGF223N,
MGF224N, MGF221NR, MGF222NR,
MGF223NR, MGF224NR
2 pole, 3 wire

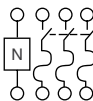


Fig. B

MGF321N, MGF322N, MGF323N, MGF324N,
MGF325NA, MGF326NA, MGF321NR, MGF322NR,
MGF323NR, MGF324NR, MGF325NRA, MGF326NRA
3 pole, 4 wire

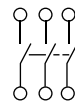


Fig. C

MGU321, MGU322, MGU323,
MGU324, MGU321R, MGU322R,
MGU323R, MGU324R
3 pole, 3 wire

Fusible, Two Pole / Three Pole, 30 – 600 Amps, 240V

Fig.	Model Number		Amps	Horsepower Rating					Unit Wt.	Std Pkg.	UL
	NEMA Type 1 Indoor	NEMA Type 3 Outdoor ¹		Single Phase, 240 Vac		Three Phase, 240 Vac		DC (Vdc)			
				Standard Fuse	Time Delay Fuse	Standard Fuse	Time Delay Fuse	250			
Two pole, 50/60 Hz											
A	MGF221N	MGF221NR	30	1-1/2	3	—	—	5	6	1	cUL _{us}
	MGF222N	MGF222NR	60	3	10	—	—	10	11		
	MGF223N	MGF223NR	100	7-1/2	15	—	—	20	17		
	MGF224N	MGF224NR	200	15	15	—	—	—	32		
Three pole, 50/60 Hz											
B	MGF321N	MGF321NR	30	1-1/2	3	3	7-1/2	5	6	1	cUL _{us}
	MGF322N	MGF322NR	60	3	10	7-1/2	15	10	11		
	MGF323N	MGF323NR	100	7-1/2	15	15	30	20	17		
	MGF324N	MGF324NR	200	15	15	25	50	—	32		
	MGF325NA	MGF325NRA	400	—	—	50	125	50	101		
	MGF326NA	MGF326NRA	600	—	—	75	200	—	109		

Non-Fusible, Three Pole, 30 – 200 Amps, 240V

Fig.	Model Number		Amps	Horsepower Rating			Unit Wt.	Std Pkg.	UL
	NEMA Type 1 Indoor	NEMA Type 3 Outdoor ¹		Single Phase, 240 Vac	Three Phase, 240 Vac	DC (Vdc)			
				Standard Fuse	Standard Fuse	250			
Three pole, 50/60 Hz									
C	MGU321	MGU321R	30	3	7-1/2	5	6	1	cUL _{us}
	MGU322 ²	MGU322R ²	60	10	15	10	10		
	MGU323 ²	MGU323R ²	100	15	30	20	13		
	MGU324	MGU324R	200	15	50	—	30		

General Duty safety switches are not suitable for use as service equipment in Canada.

¹ 30, 60 and 100A General Duty outdoor switches feature a flip-top door style. 200A General Duty outdoor switches feature a side swing door style.

² Not suitable for use as service equipment. Solid neutral not available.

Short Circuit Ratings

Fusible / Non-Fusible, 30 – 600 Amps

Maximum System Voltage	Safety Switch Type	Amps	UL Listed Fusing		Enclosure Type
			Class	Withstand Rating (rms Sym Amps)	
240 Vac 250 Vdc	Fusible	30-600	K	10,000	N1 N3R
			H	10,000	
		30-200	R	100,000	
		400	R	200,000	
240 Vac 250 Vdc	Non-fusible ³	30-600	K Upstream	10,000	N1 N3R
			H Upstream	10,000	
		30-200	R Upstream	100,000	
		400-600	R Upstream	200,000	

³ Non-fusible switch withstand ratings apply when protected by corresponding listed fuse type.

Lug Wire Sizes

Line and Load Terminals

Amps	Wire Range (AWG/kcmil)	
	Copper	Aluminum
30A (250V)	14-8	12-8
30A (600V)	12-2	12-2
60A (600V)	12-2	12-2
100A (600V)	10-1/0	10-1/0
200A (600V)	2-250	2-250
400A (600V)	2-600, (2) 1/0-250	2-600, (2) 1/0-250
600A (600V)	(2) 4-600	(2) 4-600

Heavy Duty

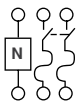


Fig. A

MHF221N, MHF222N, MHF223N,
MHF224N, MHF221NR, MHF222NR,
MHF223NR, MHF224NR
2 pole, 3 wire

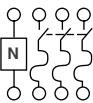


Fig. B

MHF321N, MHF322N, MHF323N,
MHF324N, MHF321NR, MHF322NR,
MHF323NR, MHF324NR
3 pole, 4 wire



Fig. C

MHF361, MHF362, MHF363, MHF364, MHF365A,
MHF366A, MHF361R, MHF362R, MHF363R, MHF364R,
MHF325RA, MHF326RA, MHF365RA, MHF366RA
3 pole, 3 wire

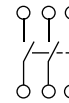


Fig. D

MHU361, MHU362, MHU363,
MHU364, MHU361R, MHU362R,
MHU363R, MHU364R
3 pole, 3 wire

Fusible, Two Pole / Three Pole, 30 – 200 Amps, 240V

Fig.	Model Number		Amps	Horsepower Rating					Unit Wt.	Std Pkg.	UL
	NEMA Type 1 Indoor	NEMA Type 3 Outdoor ¹		Single Phase, 240 Vac		Three Phase, 240 Vac		DC (Vdc)			
				Standard Fuse	Time Delay Fuse	Standard Fuse	Time Delay Fuse	250			
Two pole, 50/60 Hz											
A	MHF221N	MHF221NR	30	1-1/2	3	—	—	5	7	1	cUL ^{us}
	MHF222N	MHF222NR	60	3	10	—	—	10	16		
	MHF223N	MHF223NR	100	7-1/2	15	—	—	20	18		
	MHF224N	MHF224NR	200	15	—	—	—	40	34		
Three pole, 50/60 Hz											
B	MHF321N	MHF321NR	30	1-1/2	3	3	7-1/2	5	7	1	cUL ^{us}
	MHF322N	MHF322NR	60	3	10	7-1/2	15	10	16		
	MHF323N	MHF323NR	100	7-1/2	15	15	30	20	18		
	MHF324N	MHF324NR	200	15	—	25	60	40	34		

Fusible, Three Pole, 30 – 200 Amps, 600V, Single Phase

Fig.	Model Number		Amps	Horsepower Rating					Unit Wt.	Std Pkg.	UL	
	NEMA Type 1 Indoor	NEMA Type 3 Outdoor ¹		Single Phase, 480 Vac		Single Phase, 600 Vac		DC (Vdc)				
				Standard Fuse	Time Delay Fuse	Standard Fuse	Time Delay Fuse	125				250
Three pole, 50/60 Hz												
C	MHF361	MHF361R	30	3	7-1/2	3	10	—	5	11	1	cUL ^{us}
	MHF362	MHF362R	60	5	20	10	25	5	10	18		
	MHF363	MHF363R	100	10	30	15	40	—	20	19		
	MHF364	MHF364R	200	25	50	30	50	—	40	33		

Fusible, Three Pole, 400 – 600 Amps, 600V, Three Phase

Fig.	Model Number		Amps	Horsepower Rating								Unit Wt.	Std Pkg.	UL
	NEMA Type 1 Indoor	NEMA Type 3 Outdoor ¹		Three Phase, 240 Vac, Fuse		Three Phase, 480 Vac, Fuse		Three Phase, 600 Vac, Fuse		DC (Vdc)				
				Standard	Time Delay	Standard	Time Delay	Standard	Time Delay	125	250			
Three pole, 50/60 Hz														
C	—	MHF325RA	400	50	125	—	—	—	—	—	50	101	1	cUL ^{us}
	—	MHF365A	400	—	—	—	—	—	250	—	—	101		
	—	MHF326RA	600	75	200	—	—	—	—	—	—	109		
	—	MHF366A	600	—	—	—	—	—	400	—	—	109		

Non-Fusible, Three Pole, 30 – 200 Amps, 600V

Fig.	Model Number		Amps	Horsepower Rating					Unit Wt.	Std Pkg.	UL
	NEMA Type 1 Indoor	NEMA Type 3R Outdoor ¹		Single Phase, Standard Fuse		Three Phase, Standard Fuse		DC (Vdc)			
				480 Vac	600 Vac	480 Vac	600 Vac	250			
Three pole, 50/60 Hz											
D	MHU361 ²	MHU361R	30	7-1/2	10	20	30	5	11	1	cUL ^{us}
	MHU362	MHU362R	60	20	25	50	60	10	18		
	MHU363	MHU363R	100	30	40	75	100	20	19		
	MHU364	MHU364R	200	50	50	125	150	40	33		

¹ 30, 60 and 100A Heavy Duty outdoor switches feature a flip-top door style. 200A Heavy Duty outdoor switches feature a side swing door style.

² Available in 240V, compact enclosure – order MHU321.

Short Circuit Ratings

Fusible / Non-Fusible, 30 – 600 Amps

Maximum System Voltage	Safety Switch Type	Amps	UL Listed Fusing		Enclosure Type
			Class	Withstand Rating (rms Sym Amps)	
600 Vac 600 Vdc	Fusible	30-200	H	10,000	N1 N3R
			R	200,000 ⁴	
		400	200,000 ⁴		
		400-600	200,000		
600 Vac 600 Vdc	Non-fusible ³	30-600	H Upstream	10,000	N1 N3R
			R Upstream	200,000 ⁴	

³ Non-fusible switch withstand ratings apply when protected by corresponding listed fuse type.

⁴ Unless otherwise noted on the enclosure.

Safety Switch Accessories

Equipment Ground Kits

Model Number	Amps	Wire Range (AWG/kcmil)		Std Pkg.
		Copper	Aluminum	
MGL1	30	(4) 14-8, (3) 14-4	(4) 12-8, (3) 6-4	1
	60			
MGL4	100	(3) 10-1/0	(3) 10-1/0	1
	200			
MGL6	400-600	(3) 2-250	(3) 2-250	1



MGL4

Neutral Kit Insulated, Groundable and Bondable

Model Number	Amps	System Volts (Vac)	Fusible / Non-fusible	Wire Range (AWG/kcmil)		Std Pkg.
				Copper	Aluminum	
MNK1	30	600	Either	14-8	12-8	1
MNK2 ¹	30		Either	12-2	12-2	
	60		Non-fusible	12-2	12-2	
MNK2A	60		Fusible	12-2	12-2	
MNK3	100		Non-fusible	10-1/0	10-1/0	
MNK3A ¹	100		Fusible	10-1/0	10-1/0	
MNK4A	200		Either	2-250	2-250	
MNK5	400		Either	2-600	2-600	
MNK6	600		Either	(2) 4-600	(2) 4-600	



MNK4A

¹ Not suitable for type MG switches.

Switching Neutral: order standard switch of required number of poles and use dummy fuse in neutral pole.

Auxiliary Contact Kits

Model Number	Switch Prefix	Amps	System Voltage	Contacts	Contact Ratings	Std Pkg.
MAUX61S	MH	30	240	1NO/1NC	15A, 600 Vac 0.50A, 125 Vac 0.25A, 250 Vac	1
MAUX21D			240	2NO/2NC	10A, 125/250 Vac 0.30A, 125 Vac 0.15A, 250 Vac	
MAUX64D		30	600	2NO/2NC	15A, 600 Vac 0.50A, 125 Vac 0.25A, 250 Vac	
		60-200	240-600			
MAUX66DA		400-600	240-600	2NO/2NC	15A, 600 Vac 0.50A, 125 Vac 0.25A, 250 Vac	



MAUX64D

Designed to open before switch blades. UL listed for field installation.

Class R Fuse Kits

Switch Prefix	Amps	Volts	Model Number
MG	30	240	MGR12
	60		MGR22
	100-400		MGR42
MH	30	240	MHR12
	30	600	MHR16
	60	240	MHR22
	60	600	MHR26
	100-400	600	MHR46
	600	600	MHJ6



MHR22



Raintight (Bolt-on) Hub

See page 14-3.

Data subject to change without notice.

Accessory Selection Tables

General Duty Safety Switches

Model Number		Neutral Kit Accessory/ Replacement Part	Ground Lug Kit	Class R Fuse Kit
NEMA Type 1	NEMA Type 3R			
MGF221N	MGF221NR	Factory Installed Replacement = MNK1	MGL1	MGR12
MGF222N	MGF222NR	Factory Installed Replacement = MNK2A	MGL1	MGR22
MGF223N	MGF223NR	Factory Installed	MGL4	MGR42
MGF224N	MGF224NR	Factory Installed Replacement = MNK4A	MGL4	MGR42
MGF321N	MGF321NR	Factory Installed Replacement = MNK1	MGL1	MGR12
MGF322N	MGF322NR	Factory Installed	MGL1	MGR22
MGF323N	MGF323NR	Factory Installed	MGL4	MGR42
MGF324N	MGF324NR	Factory Installed Replacement = MNK4A	MGL4	MGR42
MGF325NA	MGF325NRA	MNK5	MGL6	MGR42
MGF326NA	MGF326NRA	MNK6	MGL6	—
MGU321	MGU321R	—	MGL1	—
MGU322	MGU322R	—	MGL1	—
MGU323	MGU323R	MNK3	MGL4	—
MGU324	MGU324R	—	MGL4	—

Accessory Selection Tables

Heavy Duty Safety Switches

Model Number		Neutral Kit Accessory/ Replacement Part	Ground Lug Kit	Class R Fuse Kit	Class J Fuse Kit	Auxiliary Contact Kits	
NEMA Type 1	NEMA Type 3R					(1NO / 1NC)	(2NO / 2NC)
MHF221N	MHF221NR	Factory Installed Replacement = MNK1	MGL1	MHR12	—	MAUX61S	MAUX21D
MHF222N	MHF222NR	Factory Installed	MGL1	MHR22	—	—	MAUX64D
MHF223N	MHF223NR	Factory Installed	MGL4	MHR46	—	—	MAUX64D
MHF224N	MHF224NR	Factory Installed Replacement = MNK4A	MGL4	MHR46	—	—	MAUX64D
MHF361	MHF361R	MNK2 or MNK3	MGL1	MHR16	—	MAUX61S	MAUX21D
MHF362	MHF362R	MNK2A or MNK3A	MGL1	MHR26	—	—	MAUX64D
MHF363	MHF363R	MNK3A	MGL4	MHR46	—	—	MAUX64D
MHF364	MHF364R	MNK4A	MGL4	MHR46	—	—	MAUX64D
MHF321N	MHF321NR	Factory Installed Replacement = MNK1	MGL1	MHR12	—	MAUX61S	MAUX21D
MHF322N	MHF322NR	Factory Installed	MGL1	MHR22	—	—	MAUX64D
MHF323N	MHF323NR	Factory Installed	MGL4	MHR46	—	—	MAUX64D
MHF324N	MHF324NR	Factory Installed Replacement = MNK4A	MGL4	MHR46	—	—	MAUX64D
—	MHF325RA	MNK5	MGL6	MHR46	—	MAUX66DA	—
—	MHF326RA	MNK6	MGL6	—	MHJ6	MAUX66DA	—
MHF365A	MHF365RA	MNK5	MGL6	MHR46	—	MAUX66DA	—
MHF366A	MHF366RA	MNK6	MGL6	—	MHJ6	MAUX66DA	—
MHR366A	MHR366RA	MNK6	MGL6	—	MHJ6	MAUX66DA	—
MHU361	MHU361R	MNK2 or MNK3	MGL1	—	—	MAUX61S	MAUX21D
MHU362	MHU362R	MNK2 or MNK3	MGL1	—	—	—	MAUX64D
MHU363	MHU363R	MNK3	MGL4	—	—	—	MAUX64D
MHU364	MHU364R	MNK4A	MGL4	—	—	—	MAUX64D

Safety Switches

Technical Data

General Duty Safety Switches

Model Number	Enclosure Style ¹	Cabinet Dimensions (inches)					Knockout Figure ²
		Height (A)	Width (B)	Width (C)	Depth (D)	Depth (E)	
MGF221N	A	10-3/10	6-9/10	6-2/5	6-3/10	3-3/10	1
MGF221NR	B	9-4/5	6-4/5	6-2/5	6-3/10	3-3/10	4
MGF222N	A	13-4/5	8-9/10	8-2/5	7-9/10	4	7
MGF222NR	B	13-7/10	8-4/5	8-2/5	7-9/10	3-9/10	8
MGF223N	A	21-3/10	10-3/5	9-2/5	9-9/10	4-9/10	2
MGF223NR	B	21-1/10	10-3/10	9-3/10	9-1/10	5	5
MGF224N	A	29-1/10	14-3/5	13-2/5	9-3/10	5-1/5	3
MGF224NR	C	28-4/5	14-3/10	13-2/5	8-9/10	5-3/10	9
MGF321N	A	10-3/10	6-9/10	6-2/5	6-3/10	3-3/10	1
MGF321NR	B	9-4/5	6-4/5	6-2/5	6-3/10	3-3/10	4
MGF322N	A	13-4/5	8-9/10	8-2/5	7-9/10	4	7
MGF322NR	B	13-7/10	8-4/5	8-2/5	7-9/10	3-9/10	8
MGF323N	A	21-3/10	10-3/5	9-2/5	9-9/10	4-9/10	2
MGF323NR	B	21-1/10	10-3/10	9-3/10	9-1/10	5	5
MGF324N	A	29-1/10	14-3/5	13-2/5	9-3/10	5-1/5	3
MGF324NR	C	28-4/5	14-3/10	13-2/5	8-9/10	5-3/10	9
MGF325NA	D	49	24-3/5	22-9/10	12-7/10	8-1/5	—
MGF325NRA	D	49-3/5	25-1/5	24-1/2	12-7/10	8-1/5	—
MGF326NA	D	53-7/10	24-3/5	22-9/10	12-7/10	8-1/5	—
MGF326NRA	D	54-3/10	25-1/5	24-1/2	12-7/10	8-1/5	—
MGU321	A	10-3/10	6-9/10	6-2/5	6-3/10	3-3/10	1
MGU321R	B	9-4/5	6-4/5	6-2/5	6-3/10	3-3/10	4
MGU322	A	13-4/5	8-9/10	8-2/5	7-9/10	4	7
MGU322R	B	13-7/10	8-4/5	8-2/5	7-9/10	3-9/10	8
MGU323	A	21-3/10	10-3/5	9-2/5	9-9/10	4-9/10	2
MGU323R	B	15-3/4	10-3/10	9-3/10	9-1/10	5	5
MGU324	A	29-1/10	14-3/5	13-2/5	9-3/10	5-1/5	3
MGU324R	C	28-4/5	14-3/10	13-2/5	8-9/10	5-3/10	9

¹ Enclosure Styles shown below.

² Knockout Figures on page 6-10.

Enclosure Styles / Cabinet Dimensions

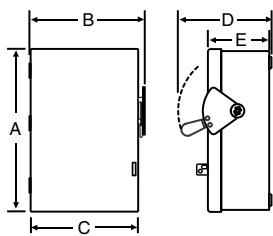


Fig. A

General Duty - NEMA Type 1

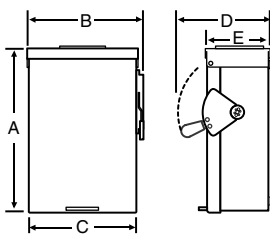


Fig. B

General Duty - NEMA Type 3R,
30 through 100A

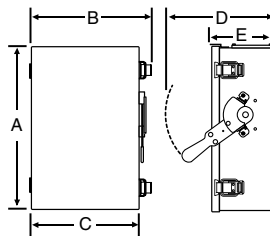


Fig. C

General Duty - NEMA Type 3R Side Swing,
200A

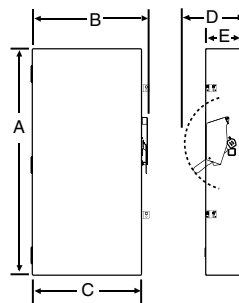


Fig. D

General Duty - NEMA Type 3R Side Swing,
400A and 600A

Data subject to change without notice.

Technical Data

Heavy Duty Safety Switches

Model Number	Enclosure Style ¹	Cabinet Dimensions (inches)					Knockout Figure ²
		Height (A)	Width (B)	Width (C)	Depth (D)	Depth (E)	
MHF221N	A	10-3/10	7-1/10	6-3/10	6-1/10	3-3/10	1
MHF221NR	B	10-1/2	6-3/5	6-1/5	7-7/10	3-1/10	4
MHF222N	A	17-3/5	10-1/10	9-2/5	9	5	2
MHF222NR	B	17-1/5	9-7/10	9-1/5	7-9/10	4-4/5	5
MHF223N	A	21-3/10	10-1/10	9-3/10	9-4/5	4-4/5	2
MHF223NR	B	22-1/10	10-1/5	9-3/10	9-4/5	4-9/10	5
MHF224N	A	31-1/2	14-1/10	13-3/10	10-1/2	5-1/10	3
MHF224NR	C	31-3/10	14-1/5	13-2/5	9-1/2	5-1/10	9
MHF321N	A	10-3/10	7-1/10	6-3/10	6-1/10	3-3/10	1
MHF321NR	B	10-1/2	6-3/5	6-1/5	7-7/10	3-1/10	4
MHF322N	A	17-3/5	10-1/10	9-2/5	9	5	2
MHF322NR	B	17-1/5	9-7/10	9-1/5	7-9/10	4-4/5	5
MHF323N	A	21-3/10	10-1/10	9-3/10	9-4/5	4-4/5	2
MHF323NR	B	22-1/10	10-1/5	9-3/10	9-4/5	4-9/10	5
MHF324N	A	31-1/2	14-1/10	13-3/10	10-1/2	5-1/10	3
MHF324NR	C	31-3/10	14-1/5	13-2/5	9-1/2	5-1/10	9
MHF325RA	D	49-3/5	24-9/10	22-9/10	13-3/10	9-2/5	—
MHF326RA	D	54-3/10	24-9/10	22-9/10	13-3/10	9-2/5	—
MHF361	A	12-3/5	9-1/2	8-3/10	7-3/5	4	7
MHF361R	B	13-1/10	8-9/10	8-1/5	7-9/10	4	8
MHF362	A	21-3/10	9-2/5	9-1/10	8-3/5	5	2
MHF362R	B	22	9-7/10	9-1/5	7-9/10	4-4/5	5
MHF363	A	22-3/10	10-1/10	9-3/10	9-4/5	4-4/5	6
MHF363R	B	22-1/10	10-1/5	9-3/10	9-4/5	4-9/10	5
MHF364	A	31-1/2	14-1/10	13-3/10	10-1/2	5-1/10	3
MHF364R	C	31-3/10	14-1/5	13-2/5	9-1/2	5-1/10	9
MHF365A	D	53-7/10	24-1/2	22-9/10	13-3/10	8-1/2	—
MHF365RA	D	54-3/10	24-9/10	22-9/10	13-3/10	9-2/5	—
MHF366A	D	53-7/10	24-1/2	22-9/10	13-3/10	8-1/2	—
MHF366RA	D	54-3/10	24-9/10	22-9/10	13-3/10	9-2/5	—
MHU361	A	10-3/10	9-3/10	8-3/10	7-7/10	4	7
MHU361R	B	13-1/10	8-9/10	8-1/5	7-9/10	4	8
MHU362	A	17-3/5	10-1/10	9-2/5	9	5	2
MHU362R	B	17-1/5	9-7/10	9-1/5	7-9/10	4-4/5	5
MHU363	A	17-3/5	10-1/10	9-3/10	9-4/5	4-4/5	2
MHU363R	B	17-3/10	10-1/5	9-3/10	9-4/5	4-9/10	5
MHU364	A	31-1/2	14-1/10	13-3/10	10-1/2	5-1/10	3
MHU364R	C	31-3/10	14-1/5	13-2/5	9-1/2	5-1/10	9

¹ Enclosure Styles shown below.

² Knockout Figures on page 6-10.

Enclosure Styles / Cabinet Dimensions

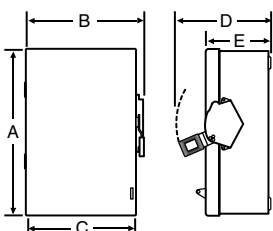


Fig. A
Heavy Duty - NEMA Type 1

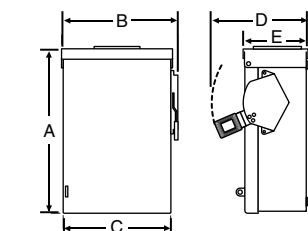


Fig. B
Heavy Duty - NEMA Type 3R, 30 through 100A

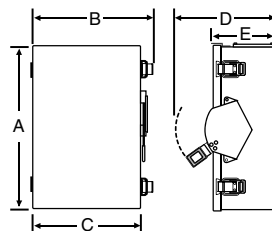


Fig. C
Heavy Duty - NEMA Type 3R Side Swing, 200A

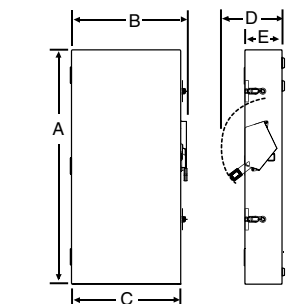


Fig. C
Heavy Duty - NEMA Type 3R Side Swing, 400A and 600A

Data subject to change without notice.

Knockout Configurations

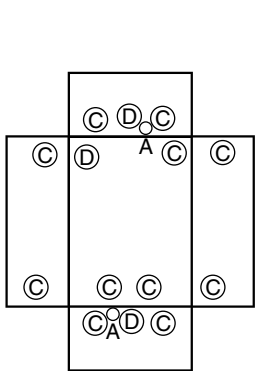


Fig. 1

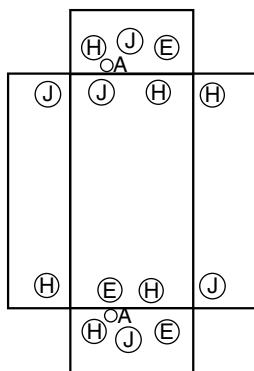


Fig. 2

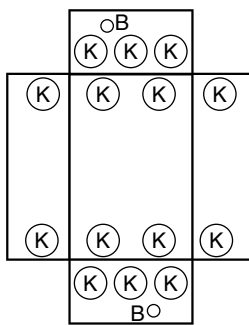


Fig. 3

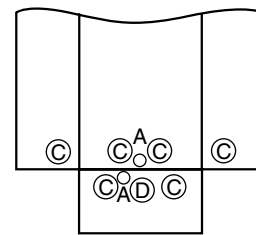


Fig. 4

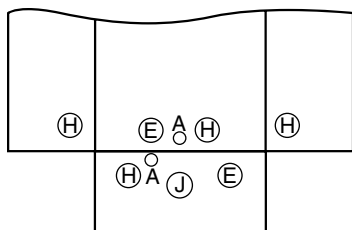


Fig. 5

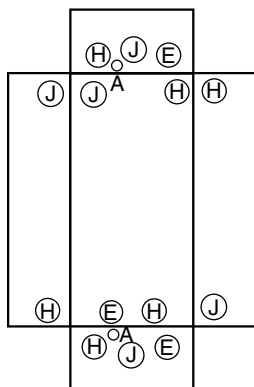


Fig. 6

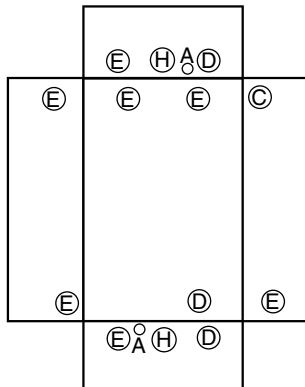


Fig. 7

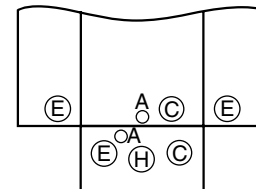


Fig. 8

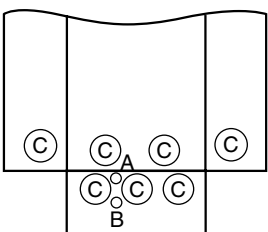


Fig. 9

Knockout Key

- A = 9/32"
- B = 1/2"
- C = 1/2", 3/4"
- D = 1/2", 3/4", 1"
- E = 1/2", 3/4", 1", 1-1/4"
- H = 3/4", 1", 1-1/4", 1-1/2"
- J = 1", 1-1/4", 1-1/2", 2"
- K = 1", 1-1/2", 2", 2-1/2"
- M = 2", 2-1/2", 3", 3-1/2"
- N = 2-1/2", 3"

* Knockouts shown for size not for exact positions.

Outline Drawings

General Duty Safety Switches

Type	Amps	Outline Drawing No.
Indoor	30-60	10103093SH4
	100-200	10103093SH8
	400-600	1SQC920071D0201
Outdoor	30-60	10103093SH3
	100	10103093SH7
	200	10103093SH10
	400-600	1SQC920072D0201

Outline drawings can be found at www.midwestelectric.com

Heavy Duty Safety Switches

Type	Amps	Outline Drawing No.
Indoor	30-60	10103093SH2
	100-200	10103093SH5
	400-600	1SQC920071D0201
Outdoor	30-60	10103093SH1
	100	10103093SH6
	200	10103093SH9
	400-600	1SQC920072D0201

Outline drawings can be found at www.midwestelectric.com

Data subject to change without notice.

Section 7

AC Disconnects



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 National Electric Code Requirements

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. 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 National Electric Code states that 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 illustration.

Air Conditioner Disconnect Selection Guide

Existing Branch Circuit Protection	Sight Disconnect Selection
Fusible ¹	Non-Fusible or Fusible
Circuit Breaker	Fusible
HACR ²	Non-Fusible or Fusible

¹ See Air Conditioner nameplate for correct selection.

² HACR = Heating, air conditioning, refrigeration type circuit breaker.

Features and Benefits

Flexibility

- 30-100 Amps
- 240 volts AC
- 1-phase or 3-phase fusible or non-fusible
- Horsepower rated
- 10kAIC
- Available with GFCI receptacle

Rugged Durability

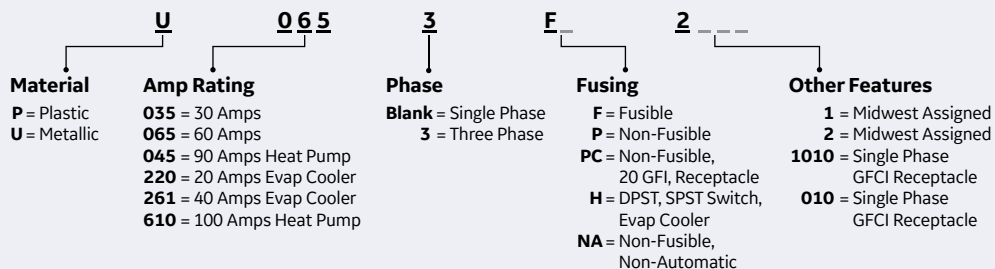
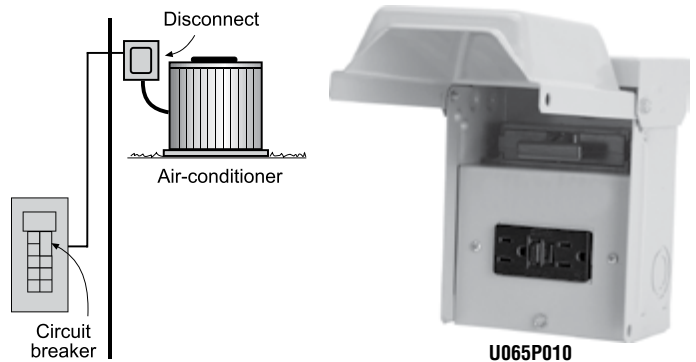
- NEMA 3R weatherproof enclosure
- Noryl[®] thermoplastic enclosure is corrosion resistant and extremely durable, giving long maintenance free service
- Metallic models are made of G90 galvanized steel for superior corrosion protection and have a durable polyester powder coat finish which resists chipping and fading

User Safety

- Padlock provision on door helps prevent unauthorized access

Installation Ease

- Three-piece construction that opens up mounting and wiring areas
- 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



Data subject to change without notice.

Non-Metallic

Fusible / Non-Fusible, 30 – 60 Amps, 120/240V

Fusible disconnects are available in 30 and 60 Amp 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 Amp puller with a 30 Amp puller (FR352) for installation flexibility.

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

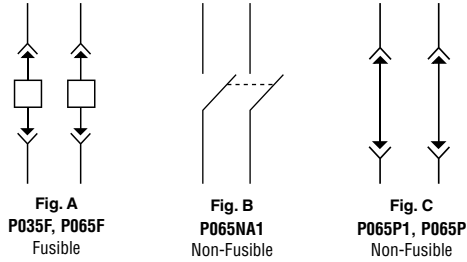


Fig.	Model Number		Amps	Horsepower Rating	Wire Range*	Cabinet Size	Unit Wt.	Std Pkg.	UL
	Fusible	Non-Fusible							
A	P035F	—	30	3	D	5 x 7	2	6	cULus
A	P065F	—	60	10		6 x 8			
B	—	P065NA1	60	10		5 x 7			
C	—	P065P1	60	10		5 x 7			
C	—	P065P	60	10		6 x 8			

* Wire Range Table on page 7-7. See Technical Data on page 7-6 for available replacement parts.

Metallic

1-Phase / 3-Phase, Fusible / Non-Fusible, 30 – 60 Amps, 120/240V or 240V

Fusible disconnects are available in 30 and 60 Amp models. Pullers are removable or reinstallable in the OFF position for user safety during equipment maintenance.

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

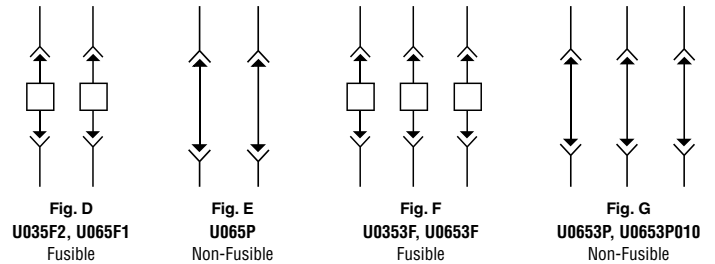


Fig.	Model Number		Amps	Horsepower Rating	Wire Range*	Cabinet Size	Unit Wt.	Std Pkg.	UL
	Fusible	Non-Fusible							
Phase 1 – 120/240V									
D	U035F2	—	30	3	D	5 x 7	2.5	6	cULus
D	U065F1	—	60	10		5 x 9	3.5		
E	—	U065P	60	10		5 x 7	3		
Phase 3 – 240V									
F	U0353F	—	30	3-7.5	D	6 x 14	8.5	1	cULus
F	U0653F	—	60	7.5-15					
G	—	U0653P	60	7.5-15					
G	—	U0653P010	60	7.5-15						7 x 14	9.25

* Wire Range Table on page 7-7. See Technical Data on page 7-6 for available replacement parts.

Key

= Accepts Class H fuses (fuses not included)

Non-Automatic

1-Phase, 60 Amps, 120/240V

Model Number	Phase	Amps	Horsepower Rating	Wire Range*	Cabinet Size	Unit Wt.	Std Pkg.	UL
U065NA1	1	60	10	D	5 x 7	2.5	6	

* Wire Range Table on page 7-7.

Heat Pump

Fusible, 90 – 100 Amps, 120/240V

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 Amp puller in the left fuse block with a 30 Amp 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.

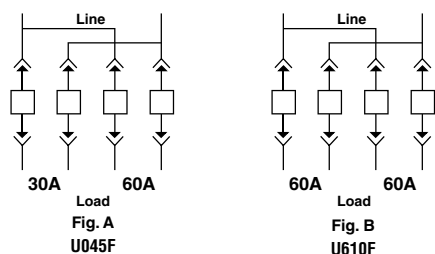




Fig.	Model Number	Amps	Horsepower Rating	Neutral Bar	Wire Range*	Cabinet Size	Unit Wt.	Std Pkg.	UL
	Fusible								
A	U045F	90	10	NU100B2	Y	9 x 17	13.5	1	Y
B	U610F	100							

* Wire Range Table on page 7-7. See Technical Data on page 7-6 for available replacement parts.

AC with Ground Fault

1-Phase / 3-Phase, 30 – 60 Amps, 120/240V or 240V

Model Number	Phase	Receptacle	Amps	Horsepower Rating	Wire Range*	Cabinet Size	Unit Wt.	Std Pkg.	UL
Phase 1 – 120/240V									
U035F010	1	5-15R2GFI	30	3	D	5 x 7	4	1	
U065F010	1	5-15R2GFI	60	3-10	D	7 x 9-1/10	6.44	1	Y
U065P010	1	5-15R2GFI	60	10	D	5 x 7	4.3	6	
U065NA1010	1	5-15R2GFI					4	6	
U065PC2010	1	5-20R2GFCIWR					4.3	4	

* Wire Range Table on page 7-7. See Technical Data on page 7-6 for available replacement parts.

Evaporative Cooler

Fusible, 20 – 40 Amps, 120/240V

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.

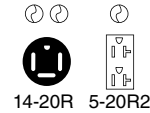


Fig. A
U261F

Fig.	Model Number	Receptacle	Circuit Protection	Amps	Wire Range*	Cabinet Size	Unit Wt.	Std Pkg.	UL
	Fusible								
A	U261F	14-20WR, 5-20R2WR	(3) FH1	40	E	6 x 9	6	4	

* Wire Range Table on page 7-7.

Key

⌚ = Edison plug fuse base (fuses not included)

Mounting Bracket

Exterior

Fig.	Model Number	Orientation	Description	Std Pkg.
C	STC1	Exterior	For AC and AC/GFI in aluminum, vinyl siding and stucco applications	6

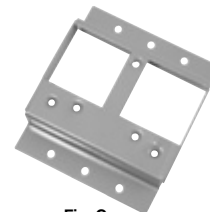


Fig. C
STC1

Technical Data

Model Number	Replacement Parts			Cabinet Size	Enclosure Style	Cabinet Dimensions (inches)				Knockout Figure ¹
	Complete Block and Puller	Fuse Block Only	Puller Only			Height (A)	Width (B)	Depth (C)	Depth (D)	
P035F	FR39	—	FR352	5 x 7	D	7	5	2-11/16	3-3/16	5
P065F	FR69	—	FH682	6 x 8	C	8	5-3/4	3-1/8	—	5
P065NA1	—	—	—	5 x 7	D	7-1/4	5	2-1/8	2-3/4	1
P065P	—	—	NF652	6 x 8	D	8	6	5-3/4	2-3/4	5
P065P1	—	—	NF652	5 x 7	D	7	5	2-1/8	2-3/4	1
U035F010	—	—	FR352R	9 x 7	A	9	6-3/5	3-4/5	5-1/5	7
U035F2	—	—	FR352R	5 x 7	A	7	5	2-1/8	2-3/4	1
U0353F	265A6035G27	—	265A6035G27	6 x 14	B	14-3/8	7-1/4	5-3/16	—	6
U045F	FR35XFR67	—	FR352, FH682	9 x 17	B	17-3/8	9-3/4	5-3/16	—	2
U0653F	265A6036G69	—	265A6036G69	6 x 14	B	14-3/8	7-1/4	5-3/16	—	6
U0653P	265A6036G73	—	265A6036G73	6 x 14	B	14-3/8	7-1/4	5-3/16	—	6
U0653P010	—	—	—	7 x 14	B	14	7	5-3/16	—	6
U065F010	FR69	—	FH682	9 x 7	B	9	7	5-1/5	—	7
U065F1	—	—	FH682	5 x 9	A	9	5	2-1/8	2-3/4	1
U065NA1	—	—	—	5 x 7	D	7	5	2-1/8	2-3/4	1
U065NA1010	—	—	—	5 x 7	D	7	5	3-5/8	5-3/16	3
U065P	—	—	NF652	5 x 7	A	7-1/4	5	2-1/8	2-3/4	1
U065P010	—	—	NF652	5 x 7	D	7	5	3-5/8	5-3/16	3
U065PC2010	—	—	NF652	5 x 7	B	7-1/10	5-1/2	5-1/5	—	4
U261F	—	FH1	—	6 x 9	B	9-1/8	7-1/4	5-3/16	—	4
U610F	FR67X2	—	FH682	9 x 17	B	17-3/8	9-3/4	5-3/16	—	2

¹ Knockout Figures on page 7-7.

Enclosure Styles / Cabinet Dimensions

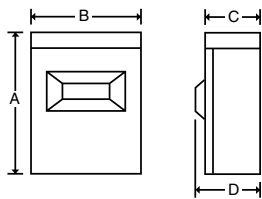


Fig. A

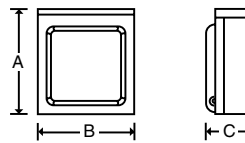


Fig. B

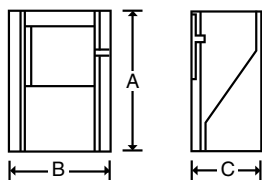


Fig. C

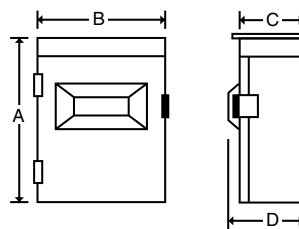


Fig. D

Knockout Configurations

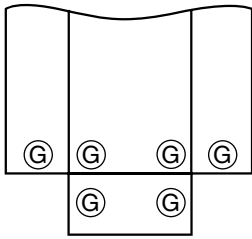


Fig. 1

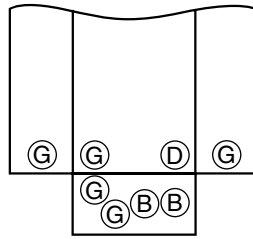


Fig. 2

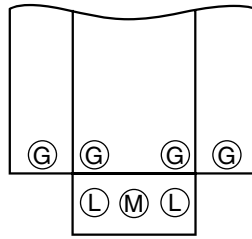


Fig. 3

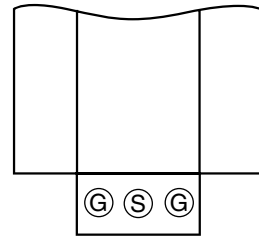


Fig. 4

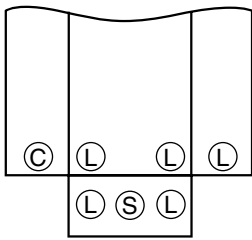


Fig. 5

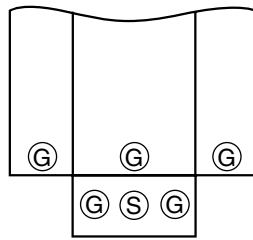


Fig. 6

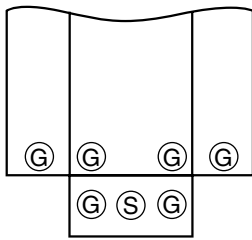


Fig. 7

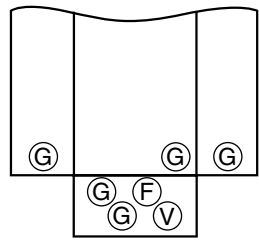


Fig. 8

Knockout Key

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

* Knockouts shown for size not for exact positions.

Wire Range Tables

D

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-2	12-8	12-2
Load	14-8	14-2	12-8	12-2
Neutral	—	—	—	—
Equipment Ground	12-8	12-2	12-8	12-2

E

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-10	14-10	—	—
Load	14-10	14-10	—	—
Neutral	14-10	14-10	—	—
Equipment Ground	12-8	12-2	—	—

Y

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	14-8	14-2	12-1/0	12-2
Neutral	14-8	14-1/0	12-8	12-1/0

AR

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-10	14-10	—	—
Load	14-10	14-10	—	—
Neutral	—	—	—	—
Equipment Ground	12-8	12-2	—	—

Notes

Section 8

Transfer Switches / Power Inlets



Application Information

Midwest Electric heavy duty manual transfer switches help provide reliable transfer of power from the normal utility-supplied source to a standby generator, enabling the user to readily maintain power during utility outages. Use them anywhere an extended outage would result in severe loss, damage or inconvenience.

Designed to be operational and switchable at full rated capacity, Midwest Electric transfer switches are available in single- and three-phase configurations at ratings through 600V. The double-throw mechanism helps prevent dangerous backfeeding of generator power into the utility system.



Features and Benefits

Electrical Ratings

- 100-400 amperes
- 240V or 600V models
- 10kAIC

Rugged Durability

- Break before make switch mechanism*
- All-in-one construction with factory-assured terminations
- Bus bars interconnect main and standby switches*
- Knife blade switch contacts help provide long life
- NEMA 3R weatherproof enclosure
- G90 galvanized steel construction for superior corrosion protection
- Durable polyester powder coat finish resists chipping and fading
- High quality, user-tested components designed for long life

User Protection

- Interlock allows door opening only when switch is in the OFF position*
- Padlock provision in all three ON-OFF-ON transfer positions
- Padlock provision on door
- Clear line shield for visual verification of blade position while helping guard against contact with live parts

Installation Ease

- Optional neutral kits available for both 240V and 600V models
- Broad range of concentric knockouts accommodate varying wiring needs
- All terminals accept copper or aluminum wire for installation flexibility



* On most models.

Steel Enclosures

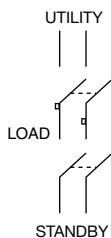


Fig. A
GS1101B12UL, GS1201B20UL, GS1202B20UL,
GS1402B01UL, MTU225RA

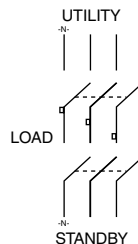


Fig. B
GS3402B01UL, MTU325RA, GS3161B12UL,
GS3262B25UL, MTU365RA

Two Pole, 100 – 400 Amps, 120/240V

Fig.	Model Number	Switch Ratings		Optional Neutral Kit ¹	Unit Wt.	UL
		Amps				
		Main	Standby			
A	GS1101B12UL	100	100	NEU102	31	c UL US
	GS1201B20UL	200	100	NEU202	42	
	GS1202B20UL	200	200	NEU202	46	c UL US
	GS1402B01UL	400	200	NEU407	71	
	MTU225RA	400	400	NEU407	152	

¹ Order Neutral Kit for 3-wire system (120/240).

Three Pole, 200 – 400 Amps, 240V

Fig.	Model Number	Switch Ratings		Optional Neutral Kit ¹	Unit Wt.	UL
		Amps				
		Main	Standby			
B	GS3402B01UL	400	200	NEU407	107	c UL US
	MTU325RA	400	400	NEU407	152	

¹ Order Neutral Kit for 4-wire system (280Y/120).

Three Pole, 100 – 400 Amps, 600V

Fig.	Model Number	Switch Ratings		Optional Neutral Kit ¹	Unit Wt.	UL
		Amps				
		Main	Standby			
B	GS3161B12UL	100	100	NEU102	31	c UL US
	GS3262B25UL	200	200	NEU202	48	
	MTU365RA	400	400	NEU407	152	

¹ Order Neutral Kit for 4-wire systems (208Y/120, 480Y/277, 600Y/347).

All three pole models are suitable for use in 1-Phase, 3-wire, switched neutral applications – no neutral required.

Light Duty Transfer Switches with Aluminum Enclosures

Two Pole, 100 – 200 Amps, 120/240V or 240V

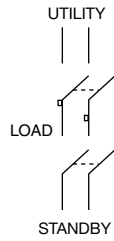


Fig. A
 GS316G, GS1202B20M, GS3262G

Fig.	Model Number	Switch Ratings		Neutral Kit	Unit Wt.	UL
		Amps				
		Main	Standby			
Two Pole – 120/240V						
A	GS3161G	100	100	Factory Installed	11	cUL _{US}
Two Pole – 240V						
A	GS3262G	200	200	Factory Installed	43	cUL _{US}

Transfer Switch with Attached Meter Socket and Steel Enclosure

Two Pole, 200 Amps, 120/240V

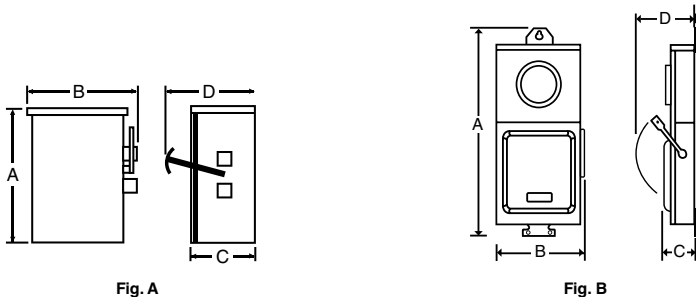
Fig.	Model Number	Switch Ratings		Neutral Kit	Unit Wt.	UL
		Amps				
		Main	Standby			
A	GS1202B20M	200	200	Factory Installed	50	N

Technical Data

Model Number	Wire Range (cu/al)	Conduit Hub/Opening ¹		Enclosure Style	Cabinet Dimensions (inches)				Knockout Figure
		Qty.	Size		Height (A)	Width (B)	Depth (C)	Depth (D)	
GS1101B12UL	12-1/0	1	1-1/4	A	26	13	6-3/4	10-5/8	1
GS3161B12UL			1-1/4	A	26	13	6-3/4	10-5/8	1
GS1201B20UL	6-250	1	2	A	32	15-3/4	6-3/4	10-5/8	2
GS1202B20M			2-1/2	B	36-1/10	14-3/10	4-4/5	—	5
GS1202B20UL			2	A	35	15-3/4	7	10-5/8	2
GS3262B25UL			2-1/2	A	34-3/4	15-3/4	6-3/4	10-5/8	2
GS1402B01UL	(2) 1/0-250	2	Closure Cap	A	43-1/2	18-1/2	9-1/4	14-1/8	3
MTU225RA		—	—	A	36-1/2	26	14-1/2	16-4/5	—
GS3161G	14-1/0	2	Closure Cap	A	15-1/4	8	5-2/5	6-9/10	6
GS3262G	6-250	1	Closure Cap	A	30-1/4	15-3/10	8-3/5	11-4/5	7
GS3402B01UL	2-600 or (2) 1/0-250	2	Closure Cap	A	42-1/2	24	9-1/4	14-1/8	4
MTU325RA	(2) 1/0-250	—	—	A	36-1/2	26	14-1/2	16-4/5	—
MTU365RA			—	A	36-1/2	26	14-1/2	16-4/5	—

¹ Switch includes conduit hub or closure cap(s) as indicated. Alternate conduit hub sizes on page 14-3.

Enclosure Styles / Cabinet Dimensions



Replacement Line Shield – MTU Series

Model Number	Description
GSSHLD4DTA	Replacement Line Shield for 400A Transfer Switch. MTU Series Only



Knockout Configurations

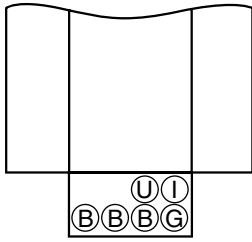


Fig. 1

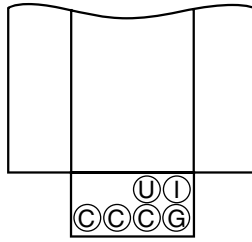


Fig. 2

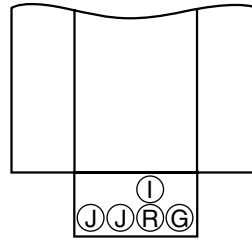


Fig. 3

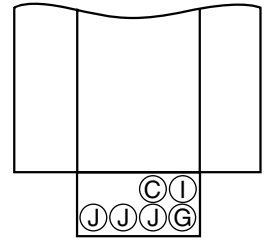


Fig. 4

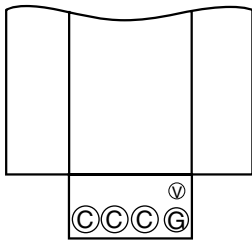


Fig. 5

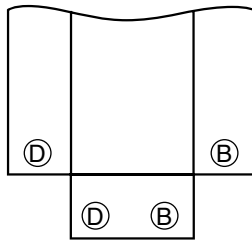


Fig. 6

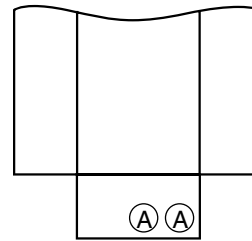


Fig. 7

Knockout 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"
- 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"
- V = 1/2"

* Knockouts shown for size not for exact positions.

Power Inlets

Power inlets from Midwest Electric work with the manual transfer switches for standby power. Each inlet comes in a single enclosure for maximum protection against weather and normal field use.

Features and Benefits

- All-in-one construction with factory-assured terminations help reduce installation time
- NEMA 3R weatherproof enclosure
- G90 galvanized steel construction for superior corrosion protection
- Durable polyester powder coat finish resists chipping and fading
- Rolled edge door for cord protection
- Cover design accommodates cords in place while maintaining NEMA 3R integrity
- Padlockable to help prevent unauthorized access
- Deadfront constructions help prevent accidental contact with live parts



U030N

Technical Data



Fig. A
U020N
 L14-20



Fig. B
U030N
 L14-30



Fig. C
U050N
 CS6375

20 – 50 Amps, 120/240V

Fig.	Model Number	Amps	Receptacles	Dimensions (inches)		
				Height	Width	Depth
A	U020N	20	L14-20	14-3/8	6-3/4	5-3/16
B	U030N	30	L14-30			
C	U050N	50	CS6375 ²			

¹ Also includes (2) MHQL1120 20A circuit breakers and one breaker space.

² California Standard, three pole, 4 wire grounded non-NEMA.

Knockout Configuration

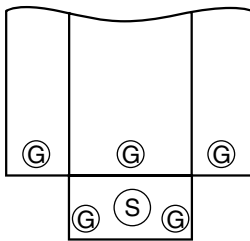


Fig. 1

Knockout Key

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

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

* Knockouts shown for size not for exact positions.

Section 9

Temporary Power



Application Information

Prior to permanently installing service equipment on a new structure, temporary power is typically installed to support the various construction trades. Electricians that are not familiar with Midwest Electric's Site-Power™ line usually construct their own temporary power arrangement using a combination of individual outdoor rated components (meter box, load center and multiple receptacles) assembled on a sheet of plywood and anchored to the ground with dimension lumber. While sufficient to do the job, this arrangement is labor intensive, has multiple conduit connections with the potential for water intrusion and is not well protected against unauthorized use.

Site-Power™ temporary power equipment from Midwest Electric combines the metering, circuit protection and power outlet combinations that are required on most construction sites. Every unit is delivered to the job site ready to go with factory installed and wired components — giving you the assurance needed for a reliable and safe temporary power unit. All Site-Power™ enclosures are constructed from heavy-gauge G90 galvanized steel for superior corrosion resistance. The durable polyester powder coat finish resists chipping and fading. The equipment door is designed to protect power cords and plugs and has a padlock provision to guard against unauthorized use or vandalism.

Features and Benefits

Rugged Durability

- 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
- NEMA 3R weatherproof construction
- G90 galvanized steel construction for superior corrosion resistance
- Durable polyester powder coat finish resists chipping and fading
- 10kAIC
- All GFCI duplexes are listed as weather resistant and tamper resistant as required by 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 knockouts to accommodate varied wiring needs
- All units with factory installed Cu/Al equipment ground lug

User Safety

- Dead front construction prevents accidental contact with live parts
- Padlock provision to prevent unauthorized access

All-In-One Design

- Includes main breaker, feeder breaker for each receptacle and meter socket (if required)
- Available with GFI circuit breakers
- Eliminates construction delays due to red tag code violations
- All ringless meter socket models have standard horn bypass
- Conforms to NEC and NEMA standards

Metered

Surface, 70 – 100 Amps, 120/240V

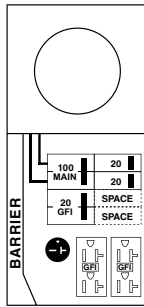


Fig. A
M138CB2033
6-20WR, (2) 5-20R2GFCIWR

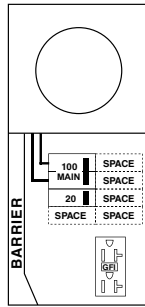


Fig. B
R101CB2010
5-20R2GFCIWR

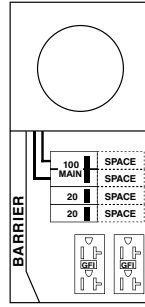


Fig. C
R111CB2010
(2) 5-20R2GFCIWR

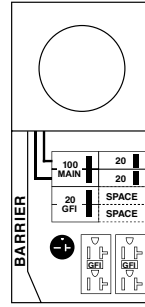


Fig. D
R138CB2033
6-20WR, (2) 5-20R2GFCIWR

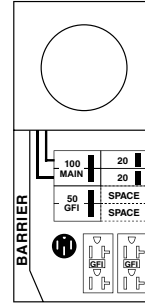


Fig. E
R176CB2033
14-50R, (2) 5-20R2GFCIWR

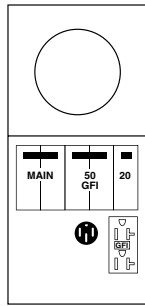


Fig. F
R155MBC033
R54UWR, 5-20R2GFCIWR

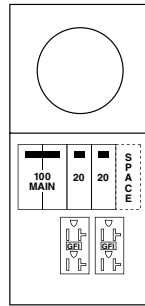


Fig. G
R111MBC010
(2) 5-20R2GFCIWR

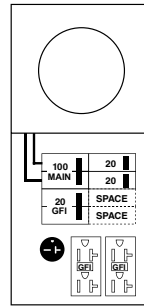


Fig. H
R138MBC033
6-20WR, (2) 5-20R2GFCIWR

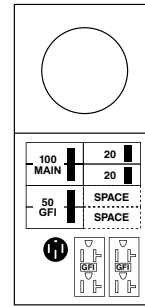


Fig. I
M176MBC033, R176MBC033
R54UWR, (2) 5-20R2GFCIWR

Overhead/Underground Feed

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Unit Wt.	Std Pkg.	UL
A	M138CB2033	6-20WR, (2) 5-20R2GFCIWR	THQL21100, (2) THQL1120, THQL2120GFT	100	2	A	14 x 26	42	1	UL
B	R101CB2010	5-20R2GFCIWR	THQL21100, THQL1120	100	5	A	14 x 26	38		
C	R111CB2010	(2) 5-20R2GFCIWR	THQL21100, (2) THQL1120	100	4	A	14 x 26	40		
D	R138CB2033	6-20WR, (2) 5-20R2GFCIWR	THQL21100, (2) THQL1120, THQL2120GFT	100	2	A	14 x 26	41		
E	R176CB2033	14-50R, (2) 5-20R2GFCIWR	THQL21100, (2) THQL1120, THQL2150GFT2	100	2	A	14 x 26	42		UL, MEG

Top Feed

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Unit Wt.	Std Pkg.	UL
F	R155MBC033	R54UWR, 5-20R2GFCIWR	THQL2170, THQL1120, THQL2150GFT2	70	—	YY	9 x 30	27	1	UL, MEG
G	R111MBC010	(2) 5-20R2GFCIWR	THQL21100, (2) THQL1120	100	1	AA	9 x 30	25		
H	R138MBC033	6-20WR, (2) 5-20R2GFCIWR	THQL21100, (2) THQL1120, THQL2120GFT	100	2	AA	9 x 30	25		
I	M176MBC033, R176MBC033	R54UWR, (2) 5-20R2GFCIWR	THQL21100, (2) THQL1120, THQL2150GFT2	100	2	D	9 x 30	29		UL

* Wire Range Table on page 9-6.

Metered

Surface, Bottom Feed, 70 – 100 Amps, 120/240V

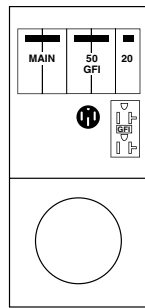


Fig. A
M155MBC033U, R155MBC033U
R54UWR, 5-20R2GFCIWR

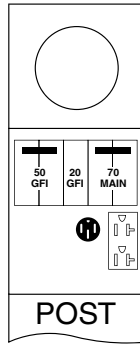


Fig. B
M155MBGP6033
BR54UWR, 5-20R2WR

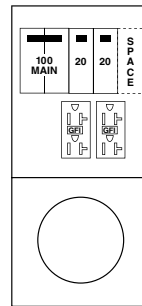


Fig. C
R111MBC010U
(2) 5-20R2GFCIWR

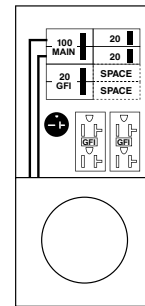


Fig. D
R138MBC033U
6-20WR, (2) 5-20R2GFCIWR

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Unit Wt.	Std Pkg.	UL
A	M155MBC033U, R155MBC033U	R54UWR, 5-20R2GFCIWR	THQL2170, THQL1120, THQL2150GFT2	70	—	Y	9 x 30	27	1	UL, MEG
B	M155MBGP6033	BR54UWR, 5-20R2WR	THQL2170, THQL1120GFT, THQL2150GFT2	70	—	A2	9 x 30	51		UL
C	R111MBC010U	(2) 5-20R2GFCIWR	THQL21100, (2) THQL1120	100	1	X	9 x 30	25		UL
D	R138MBC033U	6-20WR, (2) 5-20R2GFCIWR	THQL21100, (2) THQL1120, THQL2120GFT	100	2	Z	9 x 30	25		UL, MEG

* Wire Range Table on page 9-6.

Unmetered

70 – 100 Amps, 120/240V

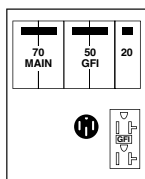


Fig. A
U155MBC033
R54UWR, 5-20R2GFCIWR

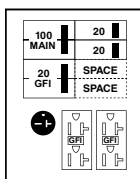


Fig. B
U138MBC033
6-20WR, (2) 5-20R2GFCIWR

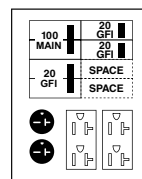


Fig. C
U138MBG033
(2) 6-20WR, (2) 5-20R2WR

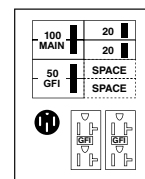


Fig. D
U176MBC033
R54UWR, (2) 5-20R2GFCIWR

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Spaces	Wire Range*	Cabinet Size	Unit Wt.	Std Pkg.	UL
A	U155MBC033	R54UWR, 5-20R2GFCIWR	THQL2170, THQL1120, THQL2150GFT2	70	—	C	9 x 17	30	1	Y
B	U138MBC033	6-20WR, (2) 5-20R2GFCIWR	THQL21100, (2) THQL1120, THQL2120GFT	100	2	B	14 x 21	38		
C	U138MBG033	(2) 6-20WR, (2) 5-20R2WR	THQL21100, THQL1120GFT, THQL2120GFT	100	2	B	14 x 21	40		
D	U176MBC033	R54UWR, (2) 5-20R2GFCIWR	THQL21100, (2) THQL1120, THQL2150GFT2	100	2	C	14 x 21	42		

* Wire Range Table on page 9-6.

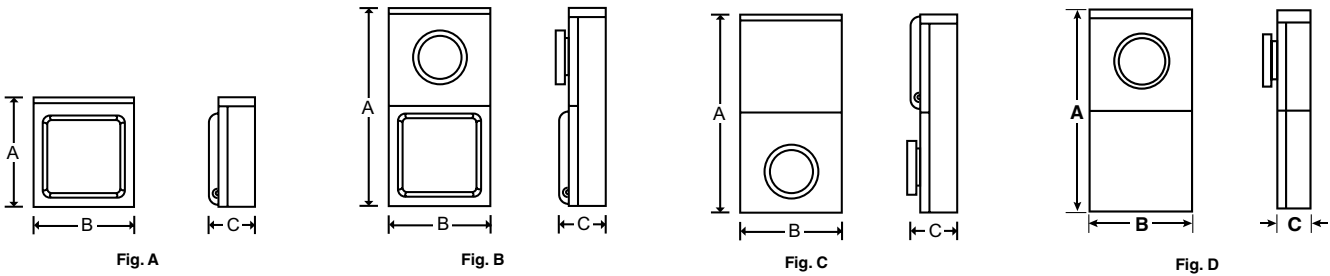
Data subject to change without notice.

Technical Data

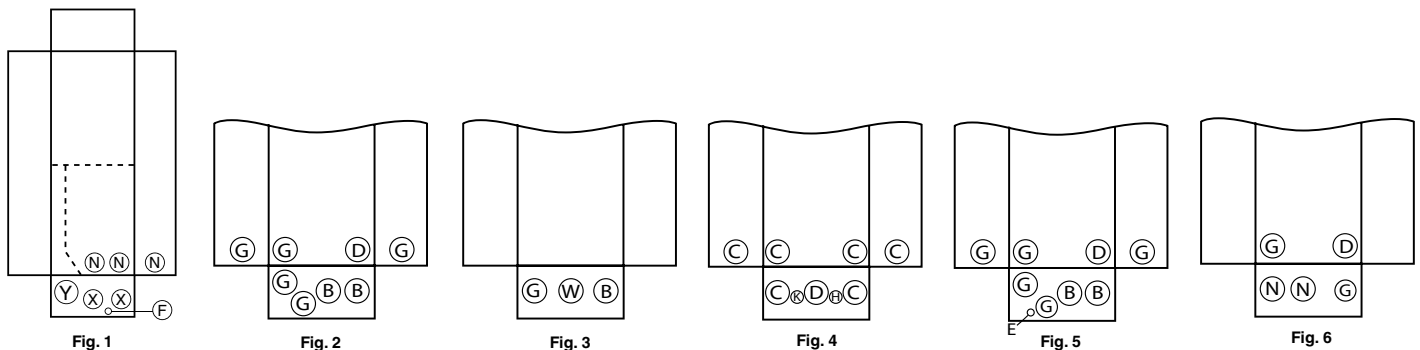
Temporary Power

Model Number	Replacement Parts		Cabinet Size	Enclosure Style	Cabinet Dimensions (inches)			Knockout Figure	Hub	kAIC
	Meter Socket				Height (A)	Width (B)	Depth (C)			
M138CB2033	—		14 x 26	D	26-3/5	14-1/2	4-4/5	1	Y	10
M155MBC033U	—		9 x 30U	C	29-1/2	9-1/2	5	6		
M155MBGP6033	MSM100930		9 x 30	B	30	9-3/4	5-3/16	2		
M176MBC033	MSM100930		9 x 30	B	29-5/8	9-5/16	3-5/8	2		
R101CB2010	MW200R		14 x 26	D	26-1/4	14-3/4	4-9/16	1		
R111CB2010	MW200R		14 x 26	D	26-3/5	14-1/2	4-4/5	1		
R111MBC010	MSR100930		9 x 30	B	30	9-3/4	5-3/16	2		
R111MBC010U	MSM100EZ		9 x 30U	C	30	9-3/4	5-3/16	3		
R138CB2033	MW200R		14 x 26	D	26-3/5	14-1/2	4-4/5	1		
R138MBC033	MSR100930		9 x 30	B	30	9-3/4	5-3/16	2		
R138MBC033U	MSM100EZ		9 x 30U	C	30	9-3/4	5-3/16	3		
R155MBC033	MSR100930		9 x 30	B	29-1/2	9-1/2	5	2		
R155MBC033U	MSM100EZ		9 x 30U	C	29-1/2	9-1/2	5	6		
R176CB2033	MW200RI		14 x 26	D	26-3/5	14-1/2	4-4/5	1		
R176MBC033	MSR100930		9 x 30	B	29-5/8	9-5/16	3-5/8	2		
U138MBC033	—		14 x 21	A	21-5/8	14-1/2	5	4		
U138MBG033	—		14 x 21	A	21-5/8	14-1/2	5	4		
U155MBC033	—		9 x 17	A	17-1/16	9-1/16	5-3/16	5		
U176MBC033	—		14 x 21	A	21-1/16	14-1/2	6-5/8	4		

Enclosure Style / Cabinet Dimensions



Knockout Configuration



Knockout Key

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

* Knockouts shown for size not for exact positions.

Data subject to change without notice.

Wire Range Table

A

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line Meter Socket	—	1-4/0	—	1-4/0
Load A	—	2-4/0	—	2-4/0
Neutral B	6-4/0	—	—	6-4/0
Neutral C	14-8	14-1/0	12-8	12-1/0
Neutral D	—	2-250	—	2-250
Neutral E - Three Large Holes	14-8	14-4	12-8	12-4
Neutral E - Four Small Holes	14-8	14-8	12-8	12-8
Equipment Ground - Three Large Holes	14-8	14-4	12-8	12-4
Equipment Ground - Four Small Holes	14-8	14-8	12-8	12-8

AA

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-1/0	—	6-1/0
Load	14-10	14-10	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

A2

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-1/0	—	6-1/0
Load	14-10	14-10	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	2-250 kcmil		2-250 kcmil	
Equipment Ground	12-2	12-2	12-2	12-2

B

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-1/0	—	4-1/0
Load - Plug/Duplex	14-10	14-10	—	—
Neutral - End Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Side Hole	14-8	14-4	12-10	12-4
Equipment Ground	12-8	12-2	12-8	12-2

C

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	8-3	—	8-3
Load - 5-20WR2	14-10	14-10	—	—
Neutral - End Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Side Hole	14-8	14-4	12-10	12-4
Equipment Ground	12-8	12-2	12-8	12-2

D

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-350	—	6-350
Load - 5-20WR2	14-10	14-10	—	—
Neutral - End Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Side Hole	14-8	14-4	12-8	12-4
Line Neutral	—	14-10	—	14-10
Equipment Ground	12-8	12-2	12-8	12-2

X

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-1/0	—	6-1/0
Load	14-10	14-10	—	—
Neutral	—	6-350	—	6-350
Neutral	—	1-300	—	1-300
Equipment Ground	12-8	12-2	12-8	12-2

Y

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-350	—	6-350
Load	14-10	14-10	—	—
Neutral - End Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Side Hole	14-8	14-4	12-10	12-4
Equipment Ground	12-8	12-2	12-8	12-2
Neutral	—	1-300	—	1-300

YY

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-350	—	6-350
Load	14-10	14-10	—	—
Neutral - End Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Side Hole	14-8	14-4	12-10	12-4
Equipment Ground	12-8	12-2	12-8	12-2
Neutral	—	14-1/0	—	14-1/0

Z

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-1/0	—	6-1/0
Load	14-10	14-10	—	—
Neutral	14-12	12-8	14-12	12-8
Neutral	—	1-300	—	1-300
Equipment Ground	12-8	12-2	12-8	12-2

Section 10

Power Outlets



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.

Features and Benefits

- NEMA 3R weatherproof construction
- G90 galvanized steel construction for superior corrosion resistance
- Durable polyester powder coat finish resists chipping and fading
- 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 NEC in Article 406.8 and 406.11
- Padlockable door to help prevent unauthorized access
- Dead front construction prevents accidental contact with live parts
- All components factory wired and assembled



U013



U014C010

Unmetered

Surface, 20 – 30 Amps, 120V

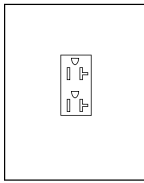


Fig. A
U010
5-20R2WR

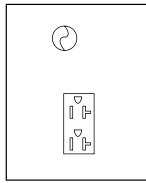


Fig. B
U010F
5-20R2WR

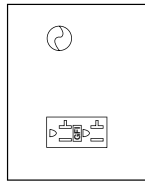


Fig. C
U010F010
5-20R2GFCIWR

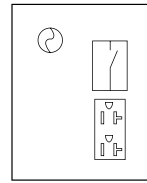


Fig. D
U010H
5-20R2WR

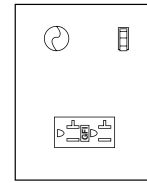


Fig. E
U010H010
5-20R2GFCIWR

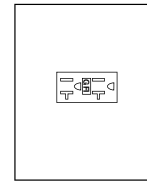


Fig. F
U010SEP
5-20R2GFCIWR

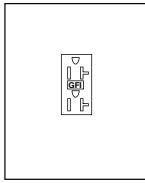


Fig. G
U010010
5-20R2GFCIWR

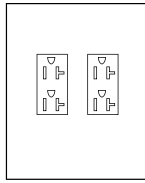


Fig. H
U011
(2) 5-20R2WR

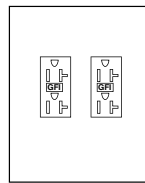


Fig. I
U011010, U012010
(2) 5-20R2GFCIWR

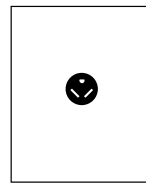


Fig. J
U013
R32UWR

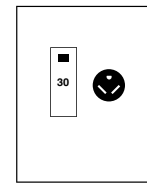


Fig. K
U013C
R32UWR

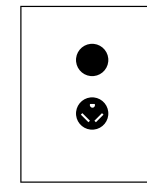


Fig. L
U013F
R32UWR

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
A	U010	5-20R2WR	—	20	E	5 x 7	Y	—	4.5	4	cULus
B	U010F	5-20R2WR	FH2	20	E	5 x 7		—	4.5		
C	U010F010	5-20R2GFCIWR	FH2	20	E	5 x 7		—	4.5		
D	U010H	5-20R2WR	FH2, SP Switch	20	E	5 x 7		—	5		
E	U010H010	5-20R2GFCIWR	FH2, SP Switch	20	E	5 x 7		—	4.5		
F	U010SEP	5-20R2GFCIWR	—	20	E	5 x 7	N	—	4.5		
G	U010010	5-20R2GFCIWR	—	20	E	5 x 7	Y	—	4.5		
H	U011	(2) 5-20R2WR	—	20	E	5 x 7		—	4.5		
I	U011010	(2) 5-20R2GFCIWR	—	20	E	5 x 7		—	4.5		
I	U012010	(2) 5-20R2GFCIWR	—	20	E	5 x 7	N	—	4.5		
J	U013	R32UWR	—	30	F	5 x 7	Y	—	4.5		
K	U013C	R32UWR	THQL1130	30	A	6 x 9		LC31N3	7		
L	U013F	R32UWR	FH3	30	F	5 x 7		—	4.5		

* Wire Range Table on pages 10-13–10-14.

Unmetered

Surface, 20 – 50 Amps, 120/240V

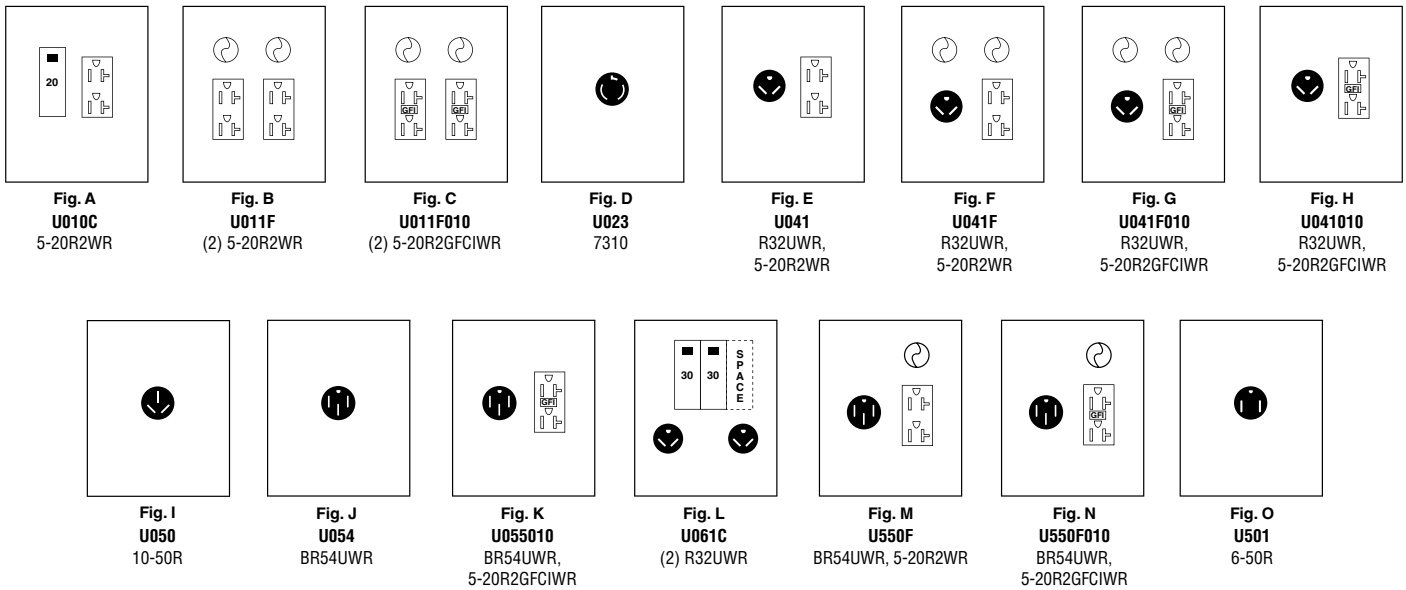


Fig.	Model Number	Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL	
A	U010C	5-20R2WR	THQL1120	20	B	6 x 9	Y	LC31N3	7	4	cULus	
B	U011F	(2) 5-20R2WR	(2) FH2	20	E	6 x 9		—	9			
C	U011F010	(2) 5-20R2GFCIWR	(2) FH2	20	E	6 x 9		—	9			
D	U023	7310	—	20	F	5 x 7		—	4.5		N	
E	U041	R32UWR, 5-20R2WR	—	30	E	6 x 9		—	6		cULus	
F	U041F	R32UWR, 5-20R2WR	FH3, FH2	30	E	6 x 9		—	7			
G	U041F010	R32UWR, 5-20R2GFCIWR	FH3, FH2	30	EE	6 x 9		—	7			
H	U041010	R32UWR, 5-20R2GFCIWR	—	30	J	6 x 9		—	9		cULus	
I	U050	10-50R	—	50	G	5 x 7		—	4.5			N
J	U054	BR54UWR	—	50	G	5 x 7		—	5			
K	U055010	BR54UWR, 5-20R2GFCIWR	—	50	J	6 x 9		—	9		cULus	
L	U061C	(2) R32UWR	(2) THQL1130, Space THQL1120	50	O	6 x 14		LC33N7	10			
M	U550F	BR54UWR, 5-20R2WR	FH2	50	M	6 x 14		—	6			
N	U550F010	BR54UWR, 5-20R2GFCIWR	FH2	50	MM	6 x 14		—	9			

* Wire Range Table on pages 10-14–10-15.

Surface, 50 Amps, 240V

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
O	U501	6-50R	—	50	P	5 x 7	Y	—	5	4	Y

* Wire Range Table on page 10-15.

Unmetered

Surface, 60 – 100 Amps, 120/240V

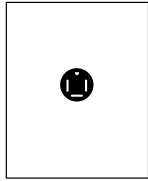


Fig. A
U546
14-60R

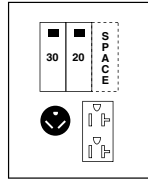


Fig. B
U041C
R32UWR, 5-20R2WR

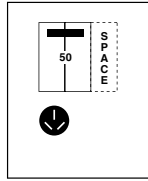


Fig. C
U050C
10-50R

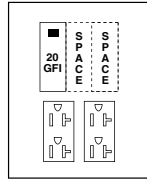


Fig. D
U361G
(2) 5-20R2WR

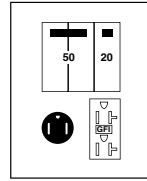


Fig. E
U511C010
6-50WR, 5-20R2GFCIWR

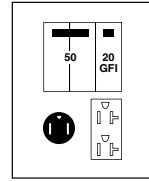


Fig. F
U511G
6-50R, 5-20R2WR

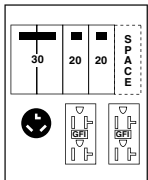


Fig. G
U666C010
10-30R, (2) 5-20R2GFCIWR

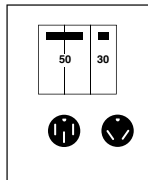


Fig. H
U058C
BR54UWR, BR32UWR

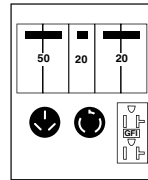


Fig. I
U070C
10-50R, 7310, 5-20R2WR

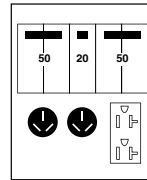


Fig. J
U002C
(2) 10-50R, 5-20R2WR

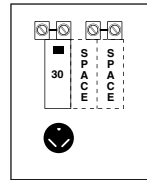


Fig. K
U132CTL
R32UWR

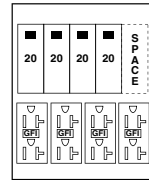


Fig. L
U014C010
(4) 5-20R2GFCIWR

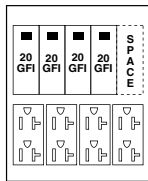


Fig. M
U014GWTR
(4) 5-20R2WR

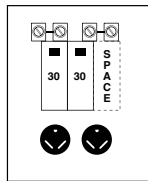


Fig. N
U061CTL
(2) R32UWR

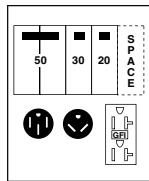


Fig. O
U075C010
BR54UWR, R32UWR, 5-20R2GFCIWR

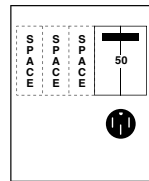


Fig. P
U354C
BR54UWR

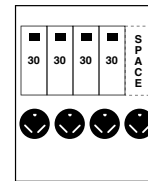


Fig. Q
U614C
(2) R32UWR, (2) BR32UWR

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
A	U546	14-60R	—	60	G	6 x 9	Y	—	5	4	N
B	U041C	R32UWR, 5-20R2WR	THQL1130, THQL1120, Space THQL1120	70	K	6 x 14		LC33N7	10		cULus
C	U050C	10-50R	THQL2150, Space THQL1120	70	O	6 x 14		LC33N7	10		N
D	U361G	(2) 5-20R2WR	THQL1120GFT	70	K	6 x 14		LC33N7	9		cULus
E	U511C010	6-50WR, 5-20R2GFCIWR	THQL2150, THQL1120	70	K	6-1/2 x 14		LC33N7	16		
F	U511G	6-50R, 5-20R2WR	THQL2150, THQL1120GFT	70	K	6 x 14		LC33N7	10		
G	U666C010	10-30R, (2) 5-20R2GFCIWR	THQL2130, (2) THQL1120, Space THQL1120	70	U	9 x 17		LC55N1	16	N	
H	U058C	BR54UWR, BR32UWR	THQL2150, THQL1130	80	V	9 x 17		LC33N1	15	cULus	
I	U070C	10-50R, 7310, 5-20R2WR	THQL2150, THQL2120, THQL1120	90	U	9 x 17		LC55N1	16	N	
J	U002C	(2) 10-50R, 5-20R2WR	(2) THQL2150, THQL1120	100	U	14 x 21		LC55N1	31		
K	U132CTL	R32UWR	THQL1130, Space (2) THQL1120	100	V	9 x 17		LC33N1T	11	1	cULus
L	U014C010 ¹	(4) 5-20R2GFCIWR	(4) THQL1120, Space THQL1120	100	U	9 x 17		LC55N1	28		
M	U014GWTR	(4) 5-20R2WR	(4) THQL1120GFT, Space THQL1120	100	U	9 x 17		LC55N1T	15		
N	U061CTL	(2) R32UWR	(2) THQL1130, Space THQL1120	100	O	9 x 17		LC33N1T	14		
O	U075C010	BR54UWR, R32UWR, 5-20R2GFCIWR	THQL2150, THQL1120, THQL1130, Space THQL1120	100	U	9 x 17		LC55N1	16		
P	U354C	BR54UWR	THQL2150, Space (3) THQL1120	100	V	9 x 17		LC55N1	16		
Q	U614C	(2) R32UWR, (2) BR32UWR	(4) THQL1130, Space THQL1120	100	V	14 x 21	LC55N1	30			

¹ Earth Burial Model U014CP6010.

* Wire Range Table on page 10-14-10-15.

Unmetered

Surface, 120 – 200 Amps, 120/240V

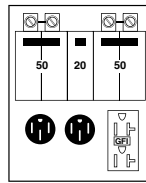


Fig. A
U004CTL010
 (2) BR54UWR, 5-20R2GFCIWR

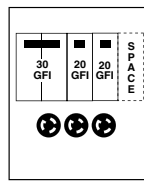


Fig. B
U039G6
 L6-30R, (2) L5-20R

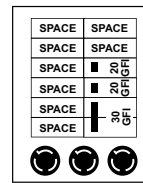


Fig. C
U239G
 L6-30R, (2) L5-20R

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
A	U004CTL010	(2) BR54UWR, 5-20R2GFCIWR	(2) THQL2150, THQL1120	120	U	9 x 17	Y	LC55N1T	17	1	UL US
B	U039G6	L6-30R, (2) L5-20R	THQL2130GFT, (2) THQL1120GFT, Space THQL1120	125	C	9 x 21		LC88PC	16		
C	U239G	L6-30R, (2) L5-20R	THQL2130GFT, (2) THQL1120GFT	200	N	14 x 21		LC1212PC	30		

* Wire Range Table on page 10-14-10-15.

Metered

Surface, 80 – 100 Amps, 120V/240V

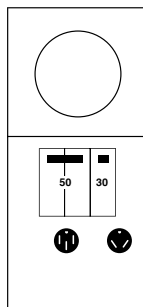


Fig. D
R058C
 BR54UWR, R32UWR

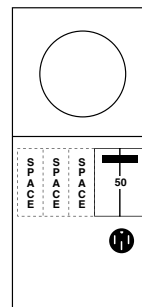


Fig. E
M354C
 BR54UWR

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
D	R058C	BR54UWR, R32UWR	THQL2150, THQL1130	80	AD	9 x 30	Y	LC33N1	25	1	UL US
E	M354C	BR54UWR	THQL2150, Space (3) THQL1120	100	AD	9 x 30		LC55N1			

* Wire Range Table on page 10-13.

Unmetered

Surface, 20 Amps, 120V

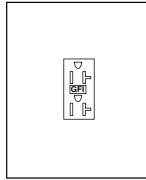


Fig. A
U010010GRP
5-20R2GFCIWR

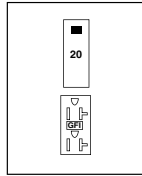


Fig. B
U010C025
5-20R2GFCIWR

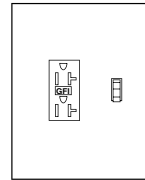


Fig. C
U010F010
5-20R2GFCIWR

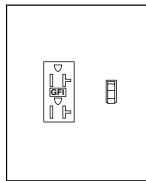


Fig. D
U010S010, U010S010GRP
5-20R2GFCIWR, Switch

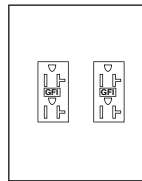


Fig. E
U012010GRP
(2) 5-20R2GFCIWR

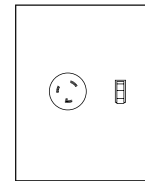


Fig. F
U025S
L6-20R Twist Lock, Switch

Fig.	Model Number	Receptacles	Number of GFI	Amps	Wire Range*	Cabinet Size	Hub Opening	Enclosure Color	Unit Wt.	Std Pkg.	UL
A	U010010GRP	5-20R2GFCIWR	1	20	E	5 x 7	N	Camo Green	4	1	cUL _{US}
B	U010C025	5-20R2GFCIWR	1	20	B	6-1/2 x 9	Y	Gray	7		
C	U010F010	5-20R2GFCIWR	1	20	E	5 x 7	Y	Gray	4		
D	U010S010	5-20R2GFCIWR, Switch	1	20	R	5 x 7	N	Gray	4		
D	U010S010GRP	5-20R2GFCIWR, Switch	1	20	R	5 x 7	N	Camo Green	3		
E	U012010GRP	(2) 5-20R2GFCIWR	2	20	J	5 x 7	N	Camo Green	3		

Surface, 20 Amps, 240V

Fig.	Model Number	Receptacles	Number of GFI	Amps	Wire Range*	Cabinet Size	Hub Opening	Enclosure Color	Unit Wt.	Std Pkg.	UL
F	U025S	L6-20R Twist Lock, Switch	—	20	R	5 x 7	N	Gray	4	4	cUL _{US}

* Wire Range Table on pages 10-14–10-15.

Unmetered

Pedestal, 70 – 80 Amps, 120/240V

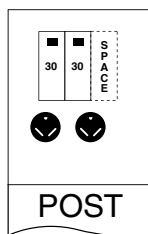


Fig. A
U061CP6
(2) R32UWR

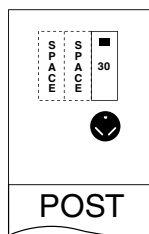


Fig. B
U132CP6
R32UWR

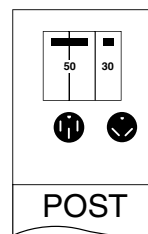


Fig. C
U058CP6
BR54UWR, R32UWR

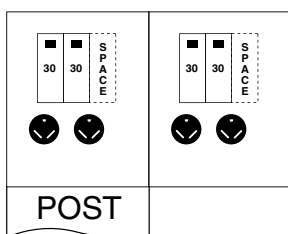


Fig. D
U061CB6
(2) R32UWR

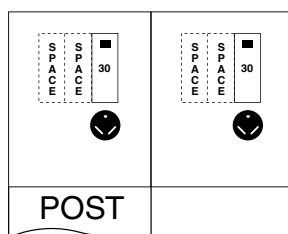


Fig. E
U132CB6
R32UWR

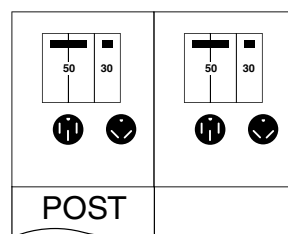


Fig. F
U058CB6
BR54UWR, R32UWR

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
A	U061CP6	(2) R32UWR	(2) THQL1130, Space THQL1120	70	AJ	6PT	N	LC33N7	32	1	UL
B	U132CP6	R32UWR	THQL1130, Space (2) THQL1120	70	AH	6PT		LC33N7	48		
C	U058CP6	BR54UWR, R32UWR	THQL2150, THQL1130	80	AG	9PT		LC33N1	20		

Back-to-Back

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
D	U061CB6	(2) R32UWR	(2) THQL1130, Space THQL1120	70	AM	6PT	N	LC33N1	46	1	UL
E	U132CB6	R32UWR	THQL1130, Space (2) THQL1120	70	AM	6PT			59		
F	U058CB6	BR54UWR, R32UWR	THQL2150, THQL1130	80	AK	9PT			62		

* Wire Range Table on page 10-13.

Metered

Pedestal, 80 – 100 Amps, 120/240V

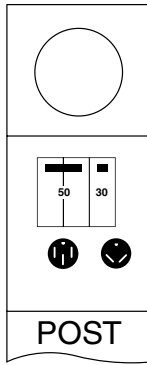


Fig. A
R058CP6
 BR54UWR, R32UWR

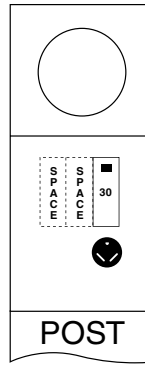


Fig. B
M132CP6
 R32UWR

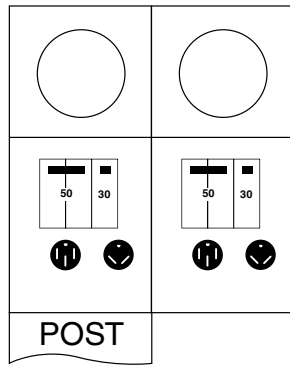


Fig. C
R058CB6
 BR54UWR, R32UWR

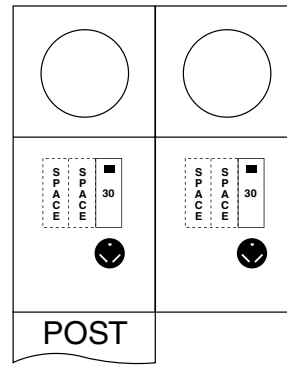


Fig. D
M132CB6
 R32UWR

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
A	R058CP6	BR54UWR, R32UWR	THQL2150, THQL1130	80	AQ	9PT	N	LC33N1	59	1	UL _{US}
B	M132CP6	R32UWR	THQL1130, Space (2) THQL1120	100					56		

Back-to-Back

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
C	R058CB6	BR54UWR, R32UWR	THQL2150, THQL1130	80	AT	9PT	N	LC33N1	82	1	UL _{US}
D	M132CB6	R32UWR	THQL1130, Space (2) THQL1120	100	AU						

* Wire Range Table on page 10-13.

Technical Data

Model Number	Replacement Parts		Cabinet Size	Enclosure Style ¹	Cabinet Dimensions (inches)			Knockout Figure ²
	Meter Socket	Post Lugs			Height (A)	Width (B)	Depth (C)	
M132CB6	MSM100P9	LT100B350	9PT	See page 10-12				
M132CP6	MSM100P9	LT100S350	9PT	See page 10-12				
M354C	—	—	9 x 30	B	30	9-3/4	5-3/16	6
R058C	MSR100930	—	9 x 30	B	30	9-3/4	5-3/16	2
R058CB6	MSR100P9	LT100B350	9PT	See page 10-12				
R058CP6	MSR100P9	LT100S350	9PT	See page 10-12				
U002C	—	—	9 x 17	A	17-3/8	9-3/4	5-3/16	2
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	—	—	5 x 7	A	7-1/8	5-3/4	5-3/16	4
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
U010C025	—	—	6-1/2 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
U010F010	—	—	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
U010H010	—	—	5 x 7	A	7-1/8	5-3/4	5-3/16	4
U010SEP	—	—	5 x 7	A	7	5-3/10	5	4
U010S010	—	—	5 x 7	A	7-1/8	5-3/4	5-3/16	4
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
U011F010	—	—	6 x 9	A	9-1/8	7-1/4	5-3/16	7
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	—	LT100S350	9PT	See page 10-12				
U014GWTR	—	—	9 x 17	A	17	9-1/2	5-1/5	2
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
U039G6	—	—	9 x 21	C	21	9-3/4	5-3/16	5
U041	—	—	6 x 9	A	9-1/8	7-1/4	5-3/16	1
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
U041F010	—	—	6 x 9	A	9-1/8	7	5-1/5	7
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
U054	—	—	5 x 7	A	7-1/8	5-3/4	5-3/16	4
U055010	—	—	6 X 9	A	9-1/8	7-1/4	5-3/16	1
U058C	—	—	9 x 17	A	17-3/8	9-1/4	5-3/16	2
U058CB6	—	LT100B350	9PT	See page 10-12				
U058CP6	—	LT100S350	9PT	See page 10-12				
U061C	—	—	6 x 14	A	14-3/8	7-1/4	5-3/16	1
U061CB6	—	LT100B350	6PT	See page 10-12				
U061CP6	—	LT100S350	6PT	See page 10-12				
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
U075C010	—	—	9 x 17	A	17-1/10	9-1/2	5-1/5	2
U132CB6	—	LT100B350	6PT	See page 10-12				
U132CP6	—	LT100S350	6PT	See page 10-12				
U132CTL	—	—	9 x 17	A	17-3/8	9-1/4	5-3/16	2

¹ Enclosure Styles on page 10-11.
² Knockout Figures on page 10-11.

Data subject to change without notice.

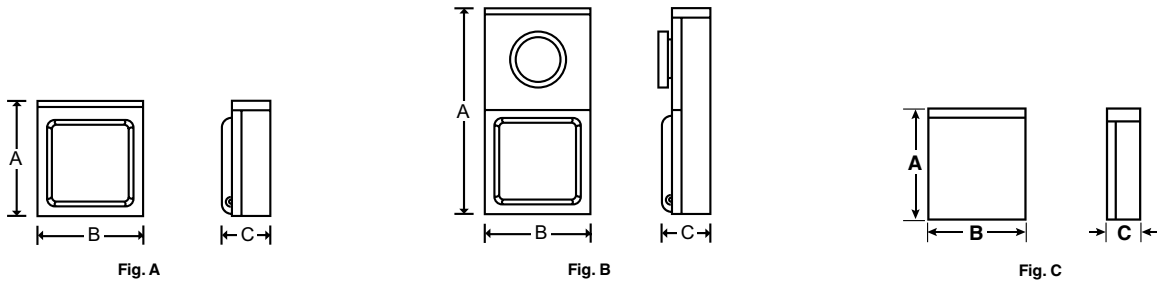
Technical Data

Power Outlets

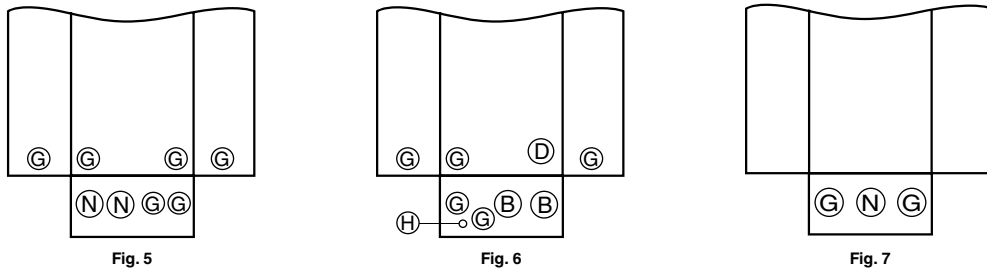
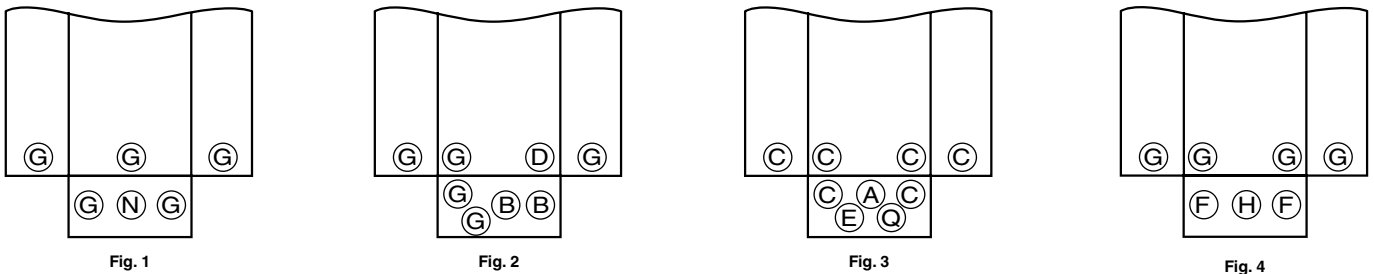
Model Number	Replacement Parts		Cabinet Size	Enclosure Style ¹	Cabinet Dimensions (inches)			Knockout Figure ²
	Meter Socket	Post Lugs			Height (A)	Width (B)	Depth (C)	
U239G	—	—	14 x 21	A	21-3/8	14-1/4	6-7/16	3
U354C	—	—	9 x 17	A	17-3/8	9-3/4	5-3/16	2
U361G	—	—	6 x 14	A	14-3/8	7-1/4	5-3/16	1
U501	—	—	5 x 7	A	7-1/8	5-3/4	5-3/16	4
U511C010	—	—	6 x 14	A	14-1/5	7	5-1/5	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
U550F010	—	—	6 x 14	A	14-1/10	6-3/5	5-3/10	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

¹ Enclosure Styles see below.
² Knockout Figures see below.

Enclosure Styles / Cabinet Dimensions



Knockout Configurations



Knockout 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", 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"

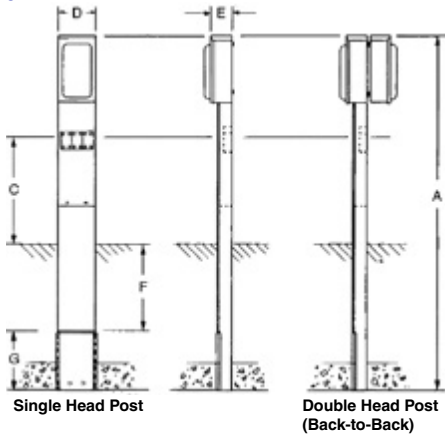
* Knockouts shown for size not for exact positions.

Data subject to change without notice.

Post Dimensions

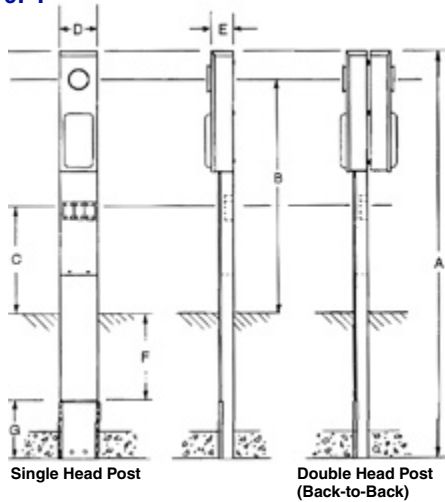
Earth Burial

6PT



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

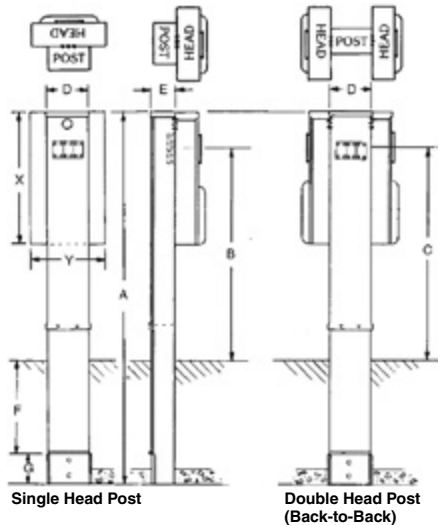
9PT



Key	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" ¹	3-1/4" ¹
F	18"	18"
G	6"	6"

¹ Some models available in 4-3/8".
 Contact distributor/factory.

14PT



Key	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"

Dimensions 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

Wire Range Tables

A

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-6	12-8	12-6
Load	—	—	—	—
Neutral	12-8	12-6	12-8	12-6
Equipment Ground	12-8	12-2	12-8	12-2

AD

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-1/0	—	6-1/0
Load	—	—	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

AG

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	—	—	—	—
Neutral	14-4	14-4	14-4	14-4
Equipment Ground- Distribution	12-8	12-2	12-8	12-2
Post Line Connectors - Loop Feed	1-300 kcmil		1-300 kcmil	
Equipment Ground- Pedestal	12-2	12-2	12-2	12-2

AH

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-2	12-8	12-2
Load	—	—	—	—
Neutral	14-4	14-4	14-4	14-4
Equipment Ground- Distribution	12-8	12-2	12-8	12-2
Post Line Connectors - Loop Feed	1-300 kcmil		1-300 kcmil	
Equipment Ground- Pedestal	12-2	12-2	12-2	12-2

AJ

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-2	12-8	12-2
Load	—	—	—	—
Neutral - End Hole	14-8	14-2	12-8	12-2
Neutral - Side Hole	14-8	14-4	12-8	12-4
Equipment Ground- Distribution	12-8	12-2	12-8	12-2
Post Line Connectors - Loop Feed	14-1/0		14-1/0	
Equipment Ground- Pedestal	12-2	12-2	12-2	12-2

AK

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	—	—	—	—
Neutral	12-8	12-1/0	10-8	10-1/0
Neutral	14-8	14-4	12-8	12-4
Equipment Ground- Distribution	12-8	12-2	12-8	12-2
Post Line Connectors - Loop Feed	6-350 kcmil		6-350 kcmil	
Equipment Ground- Pedestal	12-2	12-2	12-2	12-2

AM

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-2	12-8	12-2
Load	—	—	—	—
Neutral - End Hole	14-8	14-2	12-8	12-2
Neutral - Side Hole	14-8	14-4	12-8	12-4
Equipment Ground- Distribution	12-8	12-2	12-8	12-2
Post Line Connectors - Loop Feed	2-250 kcmil		2-250 kcmil	
Equipment Ground- Pedestal	12-2	12-2	12-2	12-2

AQ

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-1/0	—	6-1/0
Load	—	—	—	—
Neutral	14-4	14-4	14-4	14-4
Equipment Ground- Distribution	12-8	12-2	12-8	12-2
Post Line Connectors - Loop Feed	1-300 kcmil		1-300 kcmil	
Equipment Ground- Pedestal	12-2	12-2	12-2	12-2

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
Equipment Ground- Distribution	12-8	12-2	12-8	12-2
Post Line Connectors - Loop Feed	6-350 kcmil		6-350 kcmil	
Equipment Ground- Pedestal	12-2	12-2	12-2	12-2

AU

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
Equipment Ground- Distribution	12-8	12-2	12-8	12-2
Post Line Connectors - Loop Feed	2-250 kcmil		2-250 kcmil	
Equipment Ground- Pedestal	12-2	12-2	12-2	12-2

Wire Range Tables

B

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-6	12-8	12-6
Load	14-10	14-10	—	—
Neutral	12-8	12-6	12-8	12-6
Equipment Ground	12-8	12-2	12-8	12-2

C

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

E

Connector	Copper	
	Solid	Strand
Line	14-10	14-10
Load	14-10	14-10
Neutral	14-10	14-10
Equipment Ground	12-8	12-2

EE

Connector	Copper	
	Solid	Strand
Line	14-10	14-10
Load	14-10	14-10
Neutral	10-8	10-8
Neutral	14-12	14-12
Equipment Ground	12-8	12-2

F

Connector	Copper	
	Solid	Strand
Line	14-10	14-10
Load	—	—
Neutral	14-10	14-10
Equipment Ground	12-8	12-2

G

Connector	Copper	
	Solid	Strand
Line	12-8	12-4
Load	—	—
Neutral	12-8	12-4
Equipment Ground	12-8	12-2

J

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-10	14-10	—	—
Load	14-10	14-10	—	—
Neutral	14-10	14-10	—	—
Equipment Ground	12-8	12-2	12-8	12-2

K

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-2	12-8	12-2
Load	14-10	14-10	—	—
Neutral - End Hole	14-8	14-2	12-8	12-2
Neutral - Side Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

L

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-3	12-8	12-3
Load	14-10	14-10	—	—
Neutral - End Hole	14-8	14-2	12-8	12-2
Neutral - Side Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

M

Connector	Copper	
	Solid	Strand
Line	12-8	12-4
Load	14-10	14-10
Neutral	12-8	12-4
Equipment Ground	12-8	12-2
Line - FH2 Fuseholder	14-10	14-10
Neutral	14-10	14-10

MM

Connector	Copper	
	Solid	Strand
Line - BR54UR	8	8
Load	14-10	14-10
Neutral - BR54UR	8	8
Equipment Ground	12-8	12-2
Line - FH2 Fuseholder	14-10	14-10
Neutral	14-10	14-10

N

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line - Meter Socket	—	1-300	—	—
Load - Base Lugs	—	—	—	—
Neutral - Large Single Lug	—	1-300	—	1-300
Neutral - Small Single Lug	14-8	14-1/0	12-8	12-1/0
Neutral - Large Hole	14-8	10-4	—	6-4
Neutral - Small Hole	14-8	12-8	12-8	12-8
Equipment Ground - Large Hole	12-8	12-1/0	12-1/0	10-1/0
Equipment Ground - Small Hole	14-8	14-4	12-10	12-4

Wire Range Tables

O

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-2	12-8	12-2
Load	—	—	—	—
Neutral - End Hole	14-8	14-2	12-8	12-2
Neutral - Side Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

P

Connector	Copper	
	Solid	Strand
Line	12-8	12-4
Load	—	—
Neutral	—	—
Equipment Ground	12-8	12-2

Q

Connector	Copper	
	Solid	Strand
Line	14-8	14-1/0
Load	14-10	14-10
Neutral - Large Hole	12-8	12-1/0
Neutral - Small Hole	14-8	14-4
Equipment Ground	12-8	12-2

R

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line - Switch	14-10	14-10	—	—
Equipment Ground	12-8	12-2	12-8	12-2
Line - Receptacle	14-10	14-10	—	—
Load - Receptacle	14-10	14-10	—	—
Neutral - Receptacle	14-10	14-10	—	—

U

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	14-10	14-10	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

V

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	—	—	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

Notes

Section 11

RV Park Equipment



RV Park Equipment

Successful camp ground owners provide their campers with the amenities that keep them coming back year after year: fun, recreation, relaxation, clean and well maintained facilities, friendly staff, and last but not least, hassle free RV hookups! That's where Midwest Electric Products comes in. Midwest offers a complete line of RV power outlets designed with both the camper and the campground owner in mind.

Camper Safety

- Designed and tested to stringent UL safety standards
- Personal protection against ground faults is accomplished via GFCI circuit breaker or receptacle (your choice)
- Duplex outlets are weather resistant and tamper resistant
- In-use covers and grade panels prevent cord and incoming cable abrasion
- Painted dead front panel separates the camper from all electrical wiring
- Power units and access panels can be padlocked to prevent unauthorized access/use

Customer Convenience

- RV power outlets are offered with a wide range of receptacle and circuit breaker combinations
- Power heads provide stay-open, in-use cover
- Convenience features include: LED light, TV, cable and water connections

Installation and Maintenance

- Installation and maintenance ease, durability, and aesthetics
- Factory wired circuit breakers and receptacles
- Surface mounted power heads have ample concentric knockouts
- Pedestal models are equipped with factory installed loop feed lugs to accommodate down-stream power outlets
- All mechanical lugs are rated for copper and aluminum wire, including the factory installed equipment ground lug
- G90 galvanized steel which provides superior corrosion protection and years of trouble free maintenance
- Durable, fade resistant, polyester powder coat paint finish that is baked on for extra protection

If you're a long-time Midwest RV power outlet customer, thank you for your continued business (many of our repeat customers have been buying from Midwest for over thirty years). If you're new to Midwest, welcome. We'll do our best to make you a believer in all Midwest Electric Products.



Metallic RV

ParkMate™



Application Information

Midwest Metallic RV power centers are a cost effective favorite among campground owners seeking to offer the essential amenities to their campers while keeping their upfront and lifetime costs to a minimum. All components are factory assembled and wired to reduce installation time. The power centers are manufactured using heavy gauge galvanized steel that are top-coated with a durable power coat finish for years of maintenance free operation. These dependable power centers are available in either single-sided or double-sided construction and have a variety of circuit protection, receptacles and convenience options available. Mounting options include surface mount, pad mount, or earth burial post. This versatility gives campground owners the features that their campers expect.



Features and Benefits

Rugged Durability

- Rolled edge door for cord protection
- All-in-one construction for factory assured terminations
- G90 galvanized steel construction for superior corrosion and fading resistance
- Welded flange NEMA 3R construction for lasting service in outdoor installations
- 10kAIC

Installation Ease

- All components 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 knockouts to accommodate varied wiring needs
- Post door removable for installation ease

User Safety

- Dead front construction prevents accidental contact with live parts
- Padlock provision to prevent unauthorized access
- GFCI weather and tamper resistant GFI receptacles
- Rolled edge post bottoms to protect incoming service cable



Model Number System

Model numbers for RV products are based on the following system. Example: Model Number U041CP6010.

U	0 4 1	C	P6	010
<i>Unmetered</i>	<i>Series Number</i>	<i>Circuit Breaker</i>	<i>Earth Burial Post</i>	<i>Options</i>
↓	↓	↓	↓	↓
Metering	Series Number	Type of Protection	Post Options	Options
M = Ring Type Meter Socket R = Ringless Meter Socket U = Unmetered	Assigned by Midwest	C = Circuit Breaker Installed E = Empty Spaces for Field-Installed Breakers F = Fused G = Ground Fault Breaker Protection H = Hybrid: Combination of Different Protection, Example: Fuse/Switch P = Puller, Non-Fused T = Circuit Breaker with Triple Tap Lugs	B1 = Barrier B4 = Back-to-Back Pad Mount Post B6 = Back-to-Back Earth Burial Post HP = Head Post Design P4 = Pad Mount Post P6 = Earth Burial Post R1 = Vertical Barrier for Meter Compartment (Top & Bottom) R2 = Horizontal Barrier Between Meter and Circuit Breaker Compartments. Vertical Barriers in Both Meter and Circuit Breaker Compartments. S4 = Stud Termination Pad Mount Post S6 = Stud Termination Earth Burial Post TL = Twin Lugs Per Phase (Loop-feed for Surface Mount Units) W4 = Back-to-Back, Stud Termination Pad Mount Post W6 = Back-to-Back, Stud Termination Earth Burial Post	010 = GFCI Duplex Receptacle 031 = GFCI Duplex Receptacle; TV/Tel 033 = GFI Breaker (Double Pole); GFCI Duplex Receptacle 034 = Meter with Lever Bypass L10 = Lighted with GFCI Receptacles L31 = Lighted with TV/Tel

Data subject to change without notice.

Unmetered

30 – 40 Amps, 120/240V

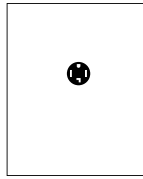


Fig. A
U030
14-30R

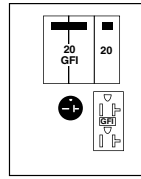


Fig. B
U036C033
6-20WR, 5-20R2GFCIWR

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
A	U030	14-30R	—	30	G	5 x 7	Y	—	4.5	1	Y
B	U036C033	6-20WR, 5-20R2GFCIWR	THQL2120GFT, THQL1120	40	K	6 x 14		LC33N7	10	4	

* Wire Range Table on page 11-14.

Unmetered

70 Amps, 120/240V

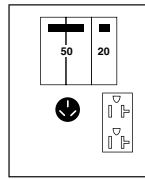


Fig. A
U051C
 10-50R, 5-20R2WR

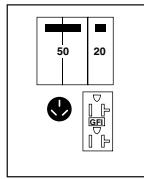


Fig. B
U051C010
 10-50R, 5-20R2GFCIWR

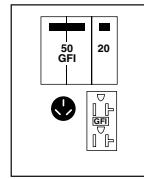


Fig. C
U051C033
 10-50R, 5-20R2GFCIWR

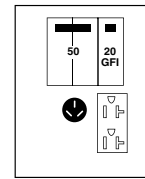


Fig. D
U051G
 10-50R, 5-20R2WR

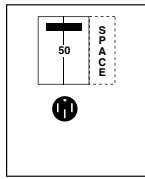


Fig. E
U054C
 BR54UWR

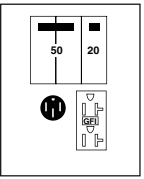


Fig. F
U055C010P
 BR54UWR, 5-20R2GFCIWR

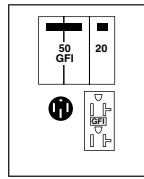


Fig. G
U055C033
 BR54UWR, 5-20R2GFCIWR

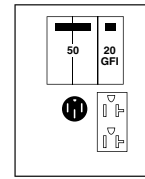


Fig. H
U055G
 BR54UWR, 5-20R2WR

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
A	U051C	10-50R, 5-20R2WR	THQL2150, THQL1120	70	K	6 x 14	Y	LC33N7	10	4	N
B	U051C010	10-50R, 5-20R2GFCIWR	THQL2150, THQL1120	70	K						
C	U051C033	10-50R, 5-20R2GFCIWR	THQL2150GFT2, THQL1120	70	K						
D	U051G	10-50R, 5-20R2WR	THQL2150, THQL1120GFT	70	K						
E	U054C	BR54UWR	THQL2150, Space THQL1120	70	O						cULus
F	U055C010P	BR54UWR, 5-20R2GFCIWR	THQL2150, THQL1120	70	K						
G	U055C033	BR54UWR, 5-20R2GFCIWR	THQL2150GFT2, THQL1120	70	K						
H	U055G	BR54UWR, 5-20R2WR	THQL2150, THQL1120GFT	70	K						

* Wire Range Table on page 11-14.

Unmetered

90 – 125 Amps, 120/240V

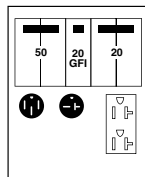


Fig. A
U073G
BR54UWR, 6-20WR, 5-20R2WR

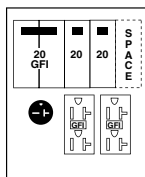


Fig. B
U038C033
6-20WR, (2) 5-20R2GFCIWR

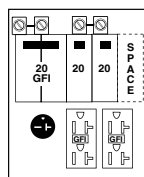


Fig. C
U038CTL033
6-20WR, (2) 5-20R2GFCIWR

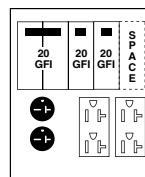


Fig. D
U038G033
(2) 6-20WR, (2) 5-20R2WR

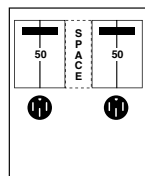


Fig. E
U072C
(2) BR54UWR

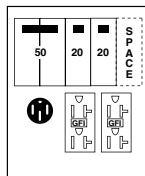


Fig. F
U076C010
BR54UWR, (2) 5-20R2GFCIWR

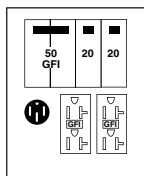


Fig. G
U076C033
BR54UWR, (2) 5-20R2GFCIWR

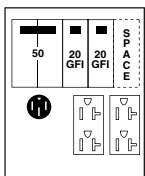


Fig. H
U076G
BR54UWR, (2) 5-20R2WR

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
A	U073G	BR54UWR, 6-20WR, 5-20R2WR	THQL2150, THQL2120, THQL1120GFT	90	U	9 x 17	Y	LC55N1	16	1	cUL ^{US}
B	U038C033	6-20WR, (2) 5-20R2GFCIWR	THQL2120GFT, (2) THQL1120, Space THQL1120	100	AA	9 x 17		LC55N1	15	1	
C	U038CTL033	6-20WR, (2) 5-20R2GFCIWR	THQL2120, (2) THQL1120, Space THQL1120	100	AA	9 x 17		LC55N1T	16	1	
D	U038G033	(2) 6-20WR, (2) 5-20R2WR	THQL2120GFT, (2) THQL1120GFT, Space THQL1120	100	U	9 x 17		LC55N1	15	1	
E	U072C	(2) BR54UWR	(2) THQL2150, Space THQL1120	100	V	9 x 17		LC55N1	16	1	
F	U076C010	BR54UWR, (2) 5-20R2GFCIWR	THQL2150, (2) THQL1120, Space THQL1120	100	AA	9 x 17		LC55N1	16	1	
G	U076C033	BR54UWR, (2) 5-20R2GFCIWR	(2) THQL1120, THQL2150GFT2	100	AA	9 x 17		LC55N1	16	1	
H	U076G	BR54UWR, (2) 5-20R2WR	THQL2150, (2) THQL1120GFT, Space THQL1120	100	U	9 x 17		LC55N1	16	1	

* Wire Range Table on page 11-14.

Metered

Top Feed, 40 – 90 Amps, 120/240V

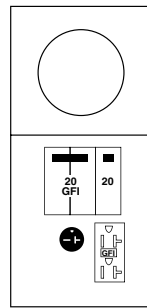


Fig. A
M036C033
6-20WR, 5-20R2GFCIWR

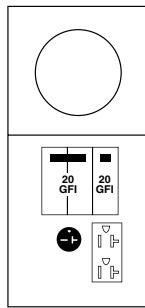


Fig. B
M036G033, R036G033
6-20WR, 5-20R2WR

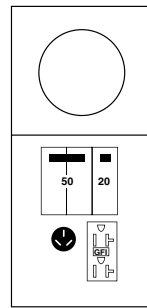


Fig. C
M051C010
10-50R, 5-20R2GFCIWR

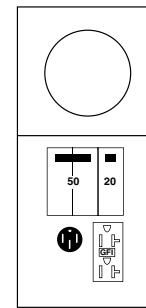


Fig. D
M055C010, R055C010
BR54UWR, 5-20R2GFCIWR

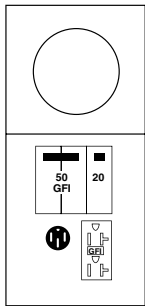


Fig. E
M055C033, R055C033
BR54UWR, 5-20R2GFCIWR

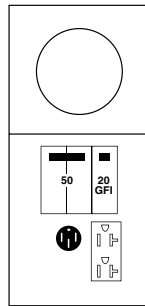


Fig. F
M055G, R055G
BR54UWR, (2) 5-20R2WR

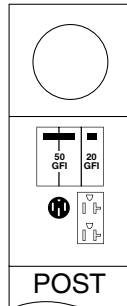


Fig. G
M055GP6033
BR54UWR, 5-20R2WR

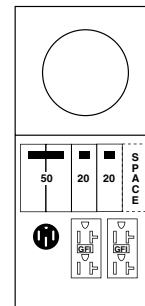


Fig. H
R076C010
BR54UWR, (2) 5-20R2GFCIWR

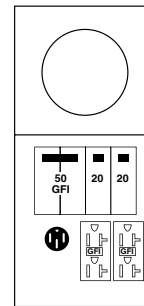


Fig. I
M076C033, R076C033
BR54UWR, (2) 5-20R2GFCIWR

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL	
	Ring Type	Ringless											
A	M036C033	—	6-20WR, 5-20R2GFCWR	THQL2120GFT, THQL1120	40	AA	9 x 30	Y	LC33N1	23	1	cULus	
B	M036G033	R036G033	6-20WR, 5-20R2WR	THQL2120GFT, THQL1120GFT	40	AA	9 x 30		LC33N1	25			N
C	M051C010	—	10-50R, 5-20R2GFCIWR	THQL2150, THQL1120	70	AA	9 x 30		LC33N1	25			
D	M055C010	R055C010	BR54UWR, 5-20R2GFCIWR	THQL2150, THQL1120	70	K	9 x 30		LC33N1	25		cULus	
E	M055C033	R055C033	BR54UWR, 5-20R2GFCIWR	THQL2150GFT2, THQL1120	70	K	9 x 30		LC33N1	23			
F	M055G	R055G	BR54UWR, 5-20R2WR	THQL2150, THQL1120GFT	70	AA	9 x 30		LC33N1	25			
G	M055GP6033 ¹	—	BR54UWR, 5-20R2WR	THQL1120GFT, THQL2150GFT2	70	A2	9 PT		LC33N1	51			
H	—	R076C010	BR54UWR, (2) 5-20RGFCIWR	THQL2150, (2) THQL1120, Space THQL1120	100	AA	9 x 30		LC55N1	25			
I	M076C033	R076C033	BR54UWR, (2) 5-20RGFCIWR	THQL2150GFT2, (2) THQL1120, Space THQL1120	100	AA	9 x 30		LC55N1	25			

¹ Earth Burial Post. See page 11-35 for post mounted dimensions.

* Wire Range Table on page 11-14.

Metered

Top Feed, 40 – 100 Amps, 120/240V

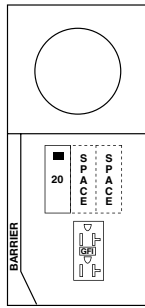


Fig. A
M009C010
5-20R2GFCIWR

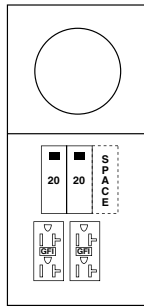


Fig. B
M011C010, R011C010
(2) 5-20R2GFCIWR

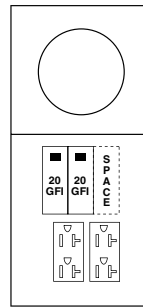


Fig. C
M011G, R011G
(2) 5-20R2WR

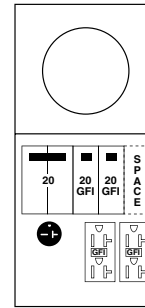


Fig. D
M038C033, R038C033
6-20WR, (2) 5-20R2GFCIWR

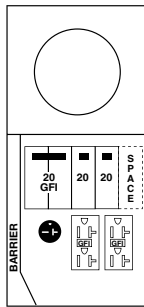


Fig. E
M038CB1033
6-20WR, (2) 5-20R2GFCIWR

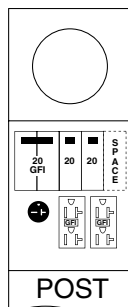


Fig. F
R038CP4033
6-20WR, (2) 5-20R2GFCIWR

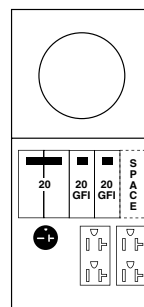


Fig. G
M038GB1033
6-20WR, (2) 5-20R2WR

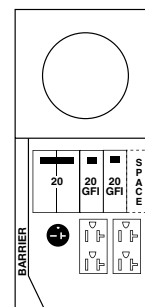


Fig. H
M038GB1033
6-20WR, (2) 5-20R2WR

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless										
A	M009C010	—	5-20R2GFCIWR	THQL1120, Space (2) THQL1120	40	AA	9 x 30	Y	LC33N1	22	1	UL US
B	M011C010	R011C010	(2) 5-20R2GFCIWR	(2) THQL1120, Space THQL1120	100	AA	9 x 30		LC33N1	21	1	
C	M011G	R011G	(2) 5-20R2WR	(2) THQL1120GFT, Space THQL1120	100	AA	9 x 30		LC33N1	21	1	
D	M038C033	R038C033	6-20WR, (2) 5-20R2GFCIWR	THQL2120GFT, THQL21100, (2) THQL1120, Space THQL1120	100	AA	9 x 30		LC55N1	25	1	
E	M038CB1033	—	6-20WR, (2) 5-20R2GFCIWR	THQL2120GFT, (2) THQL1120, Space THQL1120	100	AA	14 x 26		LC55N1	33	1	Y
F	—	R038CP4033 ¹	6-20WR, (2) 5-20R2GFCIWR	THQL2120GFT, (2) THQL1120, Space THQL1120	100	A2	9 PT		LC55N1	45	1	UL US
G	M038GB1033	—	6-20WR, (2) 5-20R2WR	THQL2120, (2) THQL1120GFT, Space THQL1120	100	AA	9 x 30		LC55N1	25	4	
H	M038GB1033	—	6-20WR, (2) 5-20R2WR	THQL2120, (2) THQL1120GFT, Space THQL1120	100	AA	14 x 26		LC55N1	35	1	Y

¹ Pad Mount Post. See page 11-35 for post mounted dimensions. * Wire Range Table on page 11-14.

Metered

Bottom Feed, 40 – 100 Amps, 120/240V

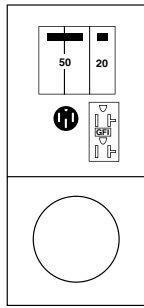


Fig. A
R055C010U
BR54UWR, 5-20R2GFCIWR

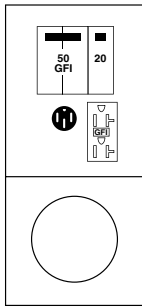


Fig. B
M055C033U, R055C033U
BR54UWR, 5-20R2GFCIWR

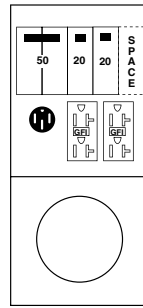


Fig. C
M076C010U, R076C010U
BR54UWR, (2) 5-20R2GFCIWR

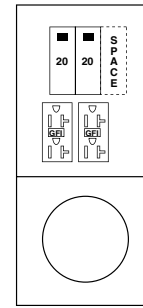


Fig. D
M011C010U, R011C010U
(2) 5-20R2GFCIWR

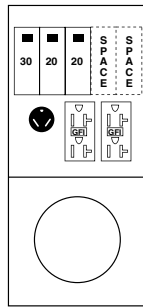


Fig. E
R031C010U
R32UWR, (2) 5-20R2GFCIWR

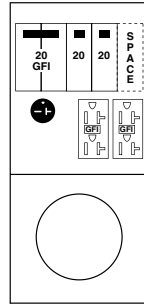


Fig. F
R038C033U
6-20WR, (2) 5-20R2GFCIWR

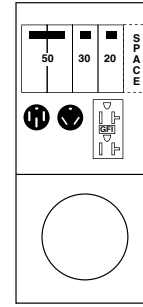


Fig. G
M075C010U, R075C010U
BR54UWR, R32UWR, 5-20R2GFCIWR

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless										
A	—	R055C010U	BR54UWR, 5-20R2GFCIWR	THQL2150, THQL1120	70	H	9 x 30U	N	LC33N1	25	1	UL _{us}
B	M055C033U	R055C033U	BR54UWR, 5-20R2GFCIWR	THQL2150GFT2, THQL1120	70	H	9 x 30U	Y	LC33N1	23		
C	M076C010U	R076C010U	BR54UWR, (2) 5-20R2GFCIWR	THQL2150, (2) THQL1120, Space THQL1120	100	X	9 x 30U	N	LC55N1	25		
D	M011C010U	R011C010U	(2) 5-20R2GFCIWR	(2) THQL1120, Space THQL1120	100	X	9 x 30U	N	LC33N1	21		
E	—	R031C010U	R32UWR, (2) 5-20R2GFCIWR	THQL1130, (2) THQL1120	100	AA	9 x 30U	Y	LC55N1	25		
F	—	R038C033U	6-20WR, (2) 5-20R2GFCIWR	THQL2120GFT, THQL21100, (2) THQL1120, (2) Spaces THQL1120	100	X	9 x 30U	Y	LC55N1	26		
G	M075C010U	R075C010U	BR54UWR, R32UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120, (1) Space	100	AA	9 x 30U	Y	LC55N1	25		

* Wire Range Table on page 11-14.

Technical Data

Model Number	Replacement Parts	Cabinet Size	Enclosure Style ¹	Cabinet Dimensions (inches)			Knockout Figure ²
	Meter Socket			Height (A)	Width (B)	Depth (C)	
M009C010	MSM100930	9 x 30	B	30	9-3/4	5-3/16	2
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
M036C033	MSM100930	9 X 30	B	30	9-3/4	5-3/16	2
M036G033	MSM100930	9 x 30	B	30	9-3/4	5-3/16	2
M038C033	MSM100930	9 x 30	B	30	9-3/4	5-3/16	2
M038C033	MSM100930	9 X 30	B	30	9-3/4	5-3/16	2
M038CB1033	MSM10014	14 x 26	B	26-1/4	14-3/4	4-9/16	4
M038GB1033	MSM100930	9 x 30	B	30	9-3/4	5-3/16	2
M038GB1033	MSM10014	14 x 26	B	26-1/4	14-3/4	4-9/16	4
M051C010	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
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
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
R011C010	MSR100930	9 x 30	B	30	9-3/4	5-3/16	2
R011C010U	MSM100EZ	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	MSM100EZ	9 x 30U	C	30	9-3/4	5-3/16	4
R036G033	MSR100930	9 x 30	B	30	9-3/4	5-3/16	2
R038C033	MSR100930	9 x 30	B	30	9-3/4	5-3/16	2
R038C033U	MSM100EZ	9 x 30U	C	30	9-3/4	5-3/16	3
R038CP4033	MSR100EZ	9 PT	B	30	9-3/4	5-3/16	2
R055C010	MSR100930	9 x 30	B	30	9-3/4	5-3/16	2
R055C010U	MSM100EZ	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
R055C033U	MSM100EZ	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	MSM100EZ	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	MSM100EZ	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
U030	—	5 x 7	A	7-1/8	5-3/4	5-3/16	1
U036C033	—	6 x 14	A	14-3/8	6-3/4	5-3/16	1

¹ Enclosure Styles on page 11-12.

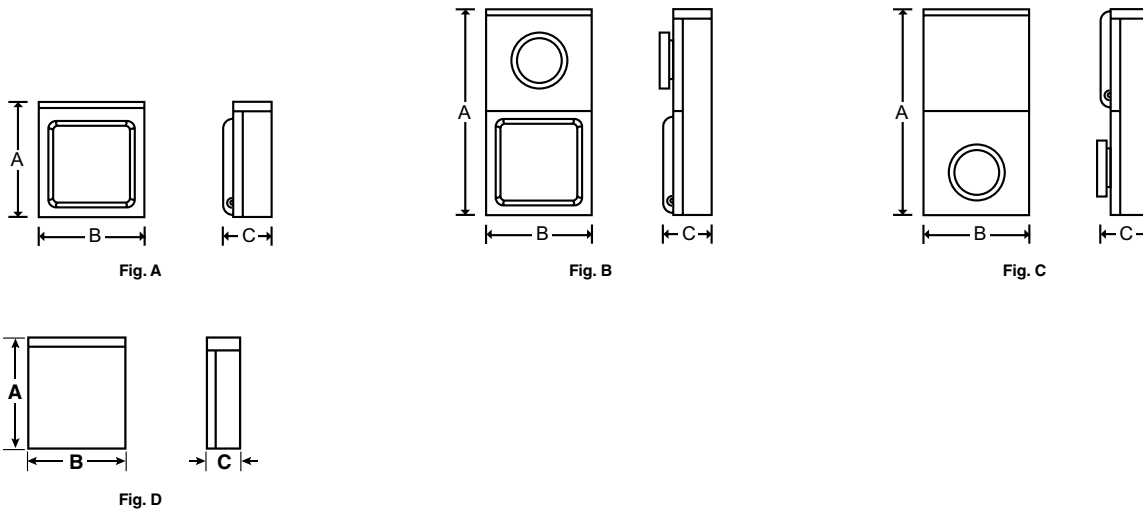
² Knockout Figures on page 11-13.

Technical Data

Model Number	Replacement Parts	Cabinet Size	Enclosure Style ¹	Cabinet Dimensions (inches)			Knockout Figure ²
	Meter Socket			Height (A)	Width (B)	Depth (C)	
U038C033	—	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
U038G033	—	9 x 17	A	17-3/8	9-3/4	5-3/16	2
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
U055C010P	—	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

¹ Enclosure Styles on page 11-12.
² Knockout Figures on page 11-13.

Enclosure Styles / Cabinet Dimensions



Knockout Configurations

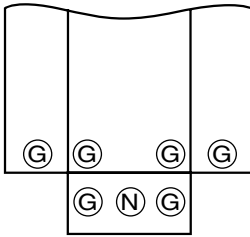


Fig. 1

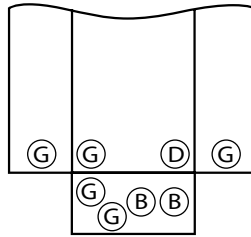


Fig. 2

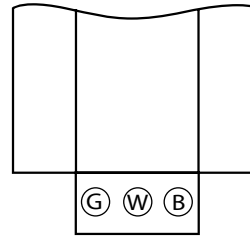


Fig. 3

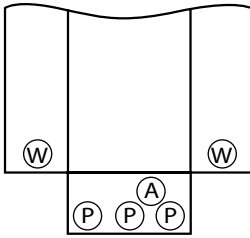


Fig. 4

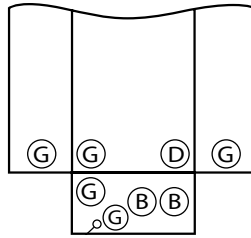


Fig. 5

Knockout Key

- 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"

* Knockouts shown for size not for exact positions.

Wire Range Tables

AA

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-1/0	—	6-1/0
Load	14-10	14-10	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

A2

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-1/0	—	6-1/0
Load	14-10	14-10	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	2-250 kcmil		2-250 kcmil	
Equipment Ground	12-2	12-2	12-2	12-2

A3

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Load - Plug/Duplex	14-10	14-10	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-10	12-4
Equipment Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	6-360 kcmil		6-360 kcmil	
Equipment Ground Post	14-2/0	14-2/0	14-2/0	14-2/0
Neutral	—	14-1/0	—	14-1/0

C

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

G

Connector	Copper	
	Solid	Strand
Line	12-8	12-4
Load	—	—
Neutral	12-8	12-4
Equipment Ground	12-8	12-2

H

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-2	12-8	12-2
Load	14-10	14-10	—	—
Neutral	—	6-350	—	6-350
Neutral	—	1-300	—	1-300
Equipment Ground	12-8	12-2	12-8	12-2

K

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-2	12-8	12-2
Load	14-10	14-10	—	—
Neutral - End Hole	14-8	14-2	12-8	12-2
Neutral - Side Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

O

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-2	12-8	12-2
Load	—	—	—	—
Neutral - End Hole	14-8	14-2	12-8	12-2
Neutral - Side Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

U

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	14-10	14-10	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

V

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	—	—	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

X

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-1/0	—	6-1/0
Load	14-10	14-10	—	—
Neutral	—	6-350	—	6-350
Neutral	—	1-300	—	1-300
Equipment Ground	12-8	12-2	12-8	12-2

Unmetered

Surface, 20 Amps, 120V

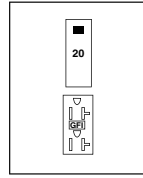


Fig. A
U010C010
 5-20R2GFCIWR

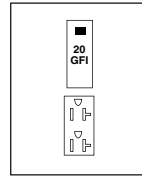


Fig. B
U010G
 5-20R2WR

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Lug Type	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
A	U010C010	5-20R2GFCIWR	THQL1120	20	Standard	B	6 x 9	Y	—	7	4	Y ¹
B	U010G	5-20R2WR	THQL1120GFT	20	Standard	B	6 x 9	Y	—	7	4	Y ¹

¹ cULus approved.
 * Wire Range Table on page 11-37.

Surface, 70 – 80 Amps, 120/240V

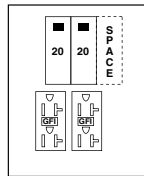


Fig. C
U011C010
 (2) 5-20R2GFCIWR

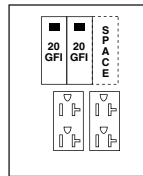


Fig. D
U011G
 (2) 5-20R2WR

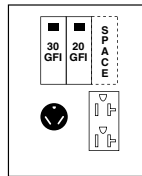


Fig. E
U040G
 R32UWR, 5-20R2WR

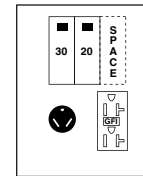


Fig. F
U041C010P
 R32UWR, 5-20R2GFCIWR

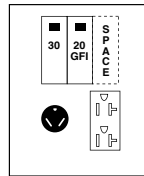


Fig. G
U041G
 R32UWR, 5-20R2WR

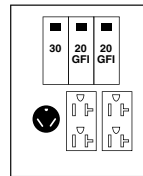


Fig. H
U412G
 BR32UWR, (2) 5-20R2WR

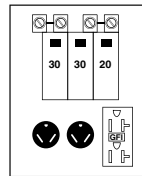


Fig. I
U611CTL010
 (2) BR32UWR, 5-20R2GFCIWR

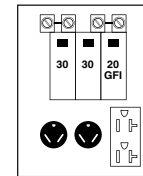


Fig. J
U611GTL
 (2) BR32UWR, 5-20R2WR

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Lug Type	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
C	U011C010	(2) 5-20R2GFCIWR	(2) THQL1120, Space THQL1120	70	Standard	P	6 x 14	Y	LC33N7	10	4	Y ¹
D	U011G	(2) 5-20R2WR	(2) THQL1120GFT, Space THQL1120	70	Standard	P	6 x 14		LC33N7	10	4	
E	U040G	R32UWR, 5-20R2WR	THQL1130GFT, THQL1120GFT, Space THQL1120	70	Standard	P	6 x 14		LC33N7	10	4	
F	U041C010P	R32UWR, 5-20R2GFCIWR	THQL1130, THQL1120, Space THQL1120	70	Standard	P	6 x 14		LC33N7	10	4	
G	U041G	R32UWR, 5-20R2WR	THQL1130, THQL1120GFT, Space THQL1120	70	Standard	P	6 x 14		LC33N7	10	4	
H	U412G	BR32UWR, (2) 5-20R2WR	THQL1130, (2) THQL1120GFT	70	Standard	U	9 x 17		LC33N1	16	1	
I	U611CTL010	(2) BR32UWR, 5-20R2GFCIWR	(2) THQL1130, THQL1120	80	Loop Feed	W	9 x 17		LC33N1T	16	1	
J	U611GTL	(2) BR32UWR, 5-20R2WR	(2) THQL1130, THQL1120GFT	80	Loop Feed	W	9 x 17	LC33N1T	15	1		

¹ cULus approved.
 * Wire Range Table on page 11-37-11-38.

Unmetered

Surface, 100 – 125 Amps, 120/240V

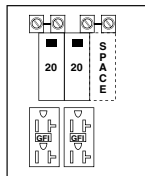


Fig. A
U011CTL010
(2) 5-20R2GFCIWR

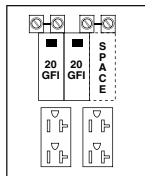


Fig. B
U011GTL
(2) 5-20R2WR

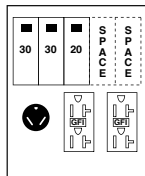


Fig. C
U031C010
R32UWR, (2) 5-20R2GFCIWR

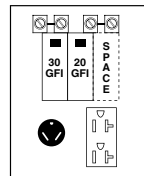


Fig. D
U040GTL
R32UWR, 5-20R2WR

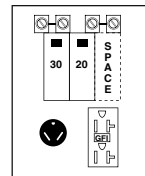


Fig. E
U041CTL010
R32UWR, 5-20R2GFCIWR

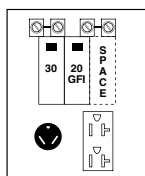


Fig. F
U041GTL
BR32UWR, 5-20R2WR

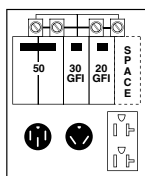


Fig. G
U074GTL
BR54UWR, R32UWR, 5-20R2WR

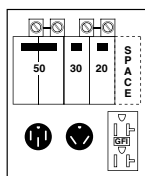


Fig. H
U075CTL010
BR54UWR, R32UWR, 5-20R2GFCIWR

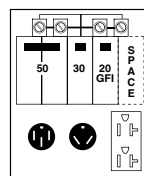


Fig. I
U075GTL
BR54UWR, R32UWR, 5-20R2WR

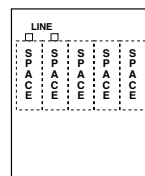


Fig. J
U102E
Parallel

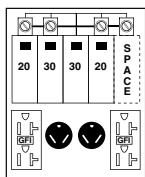


Fig. K
U131CTL010
(2) BR32UWR, (2) 5-20R2GFCIWR

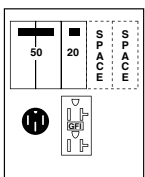


Fig. L
U355C010
BR54UWR, 5-20R2GFCIWR

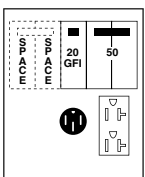


Fig. M
U355G
BR54UWR, 5-20R2WR

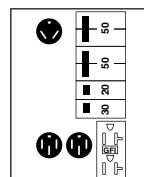


Fig. N
U775C010
(2) 14-50R, BR32UWR, 5-20R2GFCIWR

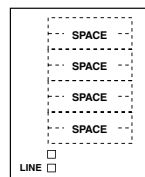


Fig. O
UL412RMW
Parallel

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Lug Type	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL	
A	U011CTL010	(2) 5-20R2GFCIWR	(2) THQL1120, Space THQL1120	100	Loop Feed	W	9 x 17	Y	LC33N1T	14	1	Y ¹	
B	U011GTL	(2) 5-20R2WR	(2) THQL1120GFT, Space THQL1120	100	Loop Feed	W	9 x 17		LC33N1T	14			
C	U031C010	R32UWR, (2) 5-20R2GFCIWR	THQL1130, (2) THQL1120, Space THQL1120	100	Standard	AA	9 x 17		LC55N1	16			
D	U040GTL ¹	R32UWR, 5-20R2WR	THQL1130GFT, THQL1120GFT, Space THQL1120	100	Loop Feed	W	9 x 17		LC33N1T	14			
E	U041CTL010	R32UWR, 5-20R2GFCIWR	THQL1130, THQL1120, Space THQL1120	100	Loop Feed	W	9 x 17		LC33N1T	14			
F	U041GTL	BR32UWR, 5-20R2WR	THQL1130, THQL1120GFT, Space THQL1120	100	Loop Feed	W	9 x 17		LC33N1T	14			
G	U074GTL	BR54UWR, R32UWR, 5-20R2WR	THQL2150, THQL1130GFT, THQL1120GFT, Space THQL1120	100	Loop Feed	W	9 x 17		LC55N1T	16			Y
H	U075CTL010	BR54UWR, R32UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120, Space THQL1120	100	Loop Feed	W	9 x 17		LC55N1T	16			Y ¹
I	U075GTL	BR54UWR, R32UWR, 5-20R2WR	THQL2150, THQL1130, THQL1120GFT, Space THQL1120	100	Loop Feed	W	9 x 17		LC55N1T	16			Y ¹
J	U102E	—	(5) 1" spaces	100	—	V	9 x 17		LC55N1	15			Y
K	U131CTL010	(2) BR32UWR, (2) 5-20R2GFCIWR	(2) THQL1130, (2) THQL1120, Space THQL1120	100	Loop Feed	U	14 x 21		LC55N1T	28			Y ¹
L	U355C010	BR54UWR, 5-20R2GFCIWR	THQL2150, THQL1120, (2) Spaces 100A Max	100	Standard	U	9 x 17		LC55N1	16			
M	U355G	BR54UWR, 5-20R2WR	THQL2150, THQL1120GFT, (2) Spaces 100A Max	100	Standard	U	9 x 17		LC55N1	15			
N	U775C010	(2) 14-50R, BR32UWR, 5-20R2GFCIWR	(2) THQL2150T, THQL1130, THQP120	125	Standard	W	9 x 17		—	15			
O	UL412RMW	—	(4) 1" spaces or (8) 1/2" spaces	125	—	VB	7 x 10	425D549P1	7	Y			

¹ cULus approved

* Wire Range Table on page 11-37-11-38.

Data subject to change without notice.

Metered

Surface, 70 – 120 Amps, 120/240V

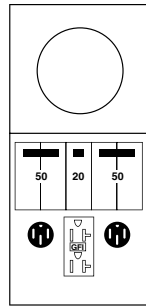


Fig. A
M004C010
(2) BR54UWR, 5-20R2GFCIWR

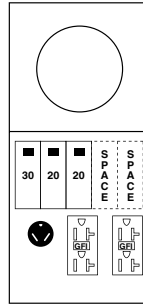


Fig. B
R031C010
R32UWR, (2) 5-20R2GFCIWR

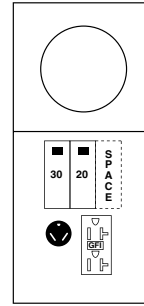


Fig. C
M041C010, R041C010
BR32UWR, 5-20R2GFCIWR

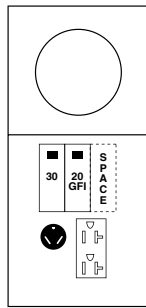


Fig. D
R041G
BR32UWR, 5-20R2WR

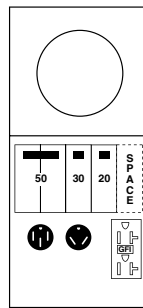


Fig. E
M075C010, R075C010
BR54UWR, BR32UWR, 5-20R2GFCIWR

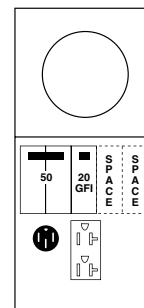


Fig. F
M355G, R355G
BR54UWR, 5-20R2WR

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless										
A	M004C010	—	(2) BR54UWR, 5-20R2GFCIWR	(2) THQL2150, THQL1120	100	AA	9 x 30	Y	LC55N1	26	1	Y ¹
B	—	R031C010	R32UWR, (2) 5-20R2GFCIWR	THQL1130, (2) THQL1120, (2) SPACE THQL1120	100				LC55N1	25		
C	M041C010	R041C010	BR32UWR, 5-20R2GFCIWR	THQL1130, THQL1120, Space THQL1120	100				LC33N1	24		
D	—	R041G	BR32UWR, 5-20R2WR	THQL1130, THQL1120GFT, Space THQL1120	100				LC33N1	25		
E	M075C010	R075C010	BR54UWR, BR32UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120, Space THQL1120	100				LC55N1	25		
F	M355G	R355G	BR54UWR, 5-20R2WR	THQL2150, THQL1120GFT, (2) Space THQL1120	100				LC55N1	25		

¹ cULus approved.

* Wire Range Table on page 11-37.

Unmetered

Pedestal, 30 Amps, 120V

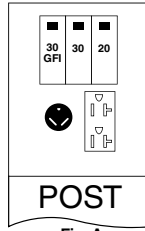


Fig. A
U042GP6
 R32UWR, 5-20R2WR

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
	Earth Burial	Pad Mount										
A	U042GP6	—	R32UWR, 5-20R2WR	THQL1130GFT Main, THQL1130, THQL1120	30	Z	6PT	N	LC33N7	32	1	Y ¹

¹ cULus approved.

* Wire Range Table on page 11-38.

Pedestal, 70 Amps, 120/240V

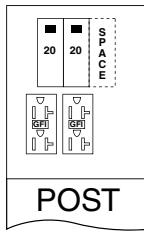


Fig. B
U011CP6010, U011CP4010
 (2) 5-20R2GFCIWR

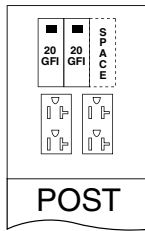


Fig. C
U011GP6, U011GP4
 (2) 5-20R2WR

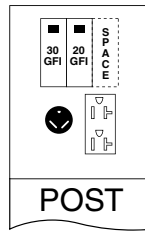


Fig. D
U040GP6, U040GP4
 R32UWR, 5-20R2WR

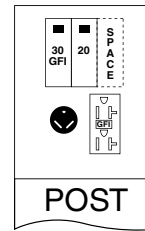


Fig. E
U040GP6010
 R32UWR, 5-20R2GFCIWR

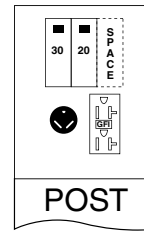


Fig. F
U041CP6010, U041CP4010
 R32UWR, 5-20R2GFCIWR

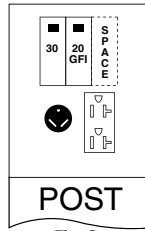


Fig. G
U041GP6, U041GP4
 R32UWR, 5-20R2WR

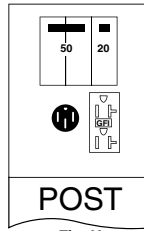


Fig. H
U055CP6010, U055CP4010
 BR54UWR, 5-20R2GFCIWR

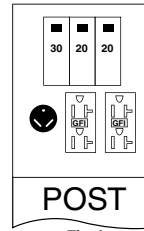


Fig. I
U412CP6010
 BR32UWR, (2) 5-20R2GFCIWR

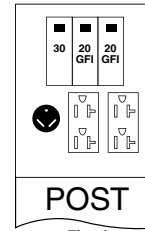


Fig. J
U412GP6
 BR32UWR, (2) 5-20R2WR

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
	Earth Burial	Pad Mount										
B	U011CP6010	U011CP4010	(2) 5-20R2GFCIWR	(2) THQL1120, Space THQL1120	70	Z	6PT	N	LC33N7	32	1	Y ¹
C	U011GP6	U011GP4	(2) 5-20R2WR	(2) THQL1120GFT, Space THQL1120			6PT		LC33N7	32		
D	U040GP6	U040GP4	R32UWR, 5-20R2WR	THQL1130GFT, THQL1120GFT, Space THQL1120			9PT		LC33N7	32		
E	U040GP6010	—	R32UWR, 5-20R2GFCIWR	THQL1130GFT, THQL1120, Space THQL1120			9PT		LC33N7	32		
F	U041CP6010 ²	U041CP4010 ²	R32UWR, 5-20R2GFCIWR	THQL1130, THQL1120, Space THQL1120			6PT		LC33N7	32		
G	U041GP6	U041GP4	R32UWR, 5-20R2WR	THQL1130, THQL1120GFT, Space THQL1120			6PT		LC33N7	32		
H	U055CP6010	U055CP4010	BR54UWR, 5-20R2GFCIWR	THQL2150, THQL1120			6PT		LC33N7	32		
I	U412CP6010	—	BR32UWR, (2) 5-20R2GFCIWR	THQL1130, (2) THQL1120			9PT		LC33N1	47		
J	U412GP6	—	BR32UWR, (2) 5-20R2WR	THQL1130, (2) THQL1120GFT			9PT		LC33N1	51		

¹ cULus approved.

* Wire Range Table on page 11-38.

² Available with factory installed TV/Telephone – U041CP6031, U041CP4031. See pages 11-33–11-34 for TV/Telephone model diagrams.

Data subject to change without notice.

Unmetered

Pedestal, 80 – 125 Amps, 120/240V

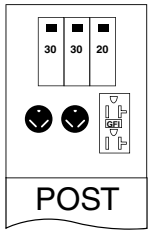


Fig. A
U611CP6010, U611CP4010

(2) BR32UWR, 5-20R2GFCIWR

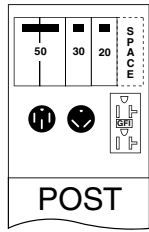


Fig. B
U075CP6010, U075CP4010

BR54UWR, BR32UWR,
5-20R2GFCIWR

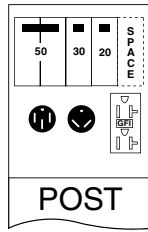


Fig. C
U075CP6010D

BR54UWR, BR32UWR,
5-20R2GFCIWR

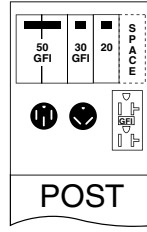


Fig. D
U075CP6033

14-50RWR, BR32UWR,
5-20R2GFCIWR

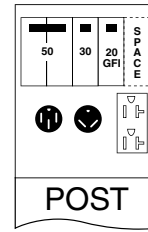


Fig. E
U075GP6, U075GP4

BR54UWR, BR32UWR,
5-20R2WR

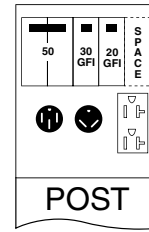


Fig. F
U075GP6019

BR54UWR, BR32UWR,
5-20R2WR

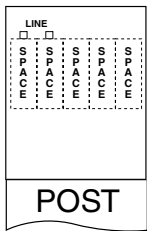


Fig. G
U102EP6
Parallel

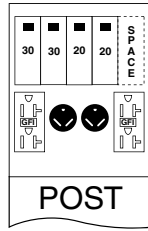


Fig. H
U131CP6010
(2) BR32UWR,
(2) 5-20R2GFCIWR

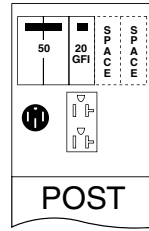


Fig. I
U355GP6
BR54UWR, 5-20R2WR

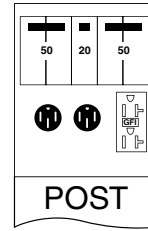


Fig. J
U004CP6010, U004CP4010
(2) BR54UWR,
5-20R2GFCIWR

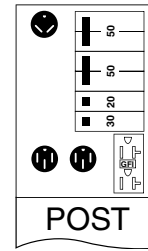


Fig. K
U775CP6010, U775CP4010
(2) 14-50R, BR32UWR,
5-20R2GFCIWR

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL	
	Earth Burial	Pad Mount											
A	U611CP6010	U611CP4010	(2) BR32UWR, 5-20R2GFCIWR	(2) THQL1130, THQL1120	80	Z	9PT	N	LC33N1	47	1	Y	
B	U075CP6010 ^{2,3,4}	U075CP4010 ^{2,3}	BR54UWR, BR32UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120, Space THQL1120	100	X	9PT		LC55N1	47			
C	U075CP6010D ⁵	—	BR54UWR, BR32UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120, Space THQL1120	100	X	9PT		LC55N1	47			
D	U075CP6033	—	14-50RWR, BR32UWR, 5-20R2GFCIWR	THQL2150GFT2, THQL1130GFT, THQL1120, Space THQL1120	100	YY	9PT		LC55N1	47			
E	U075GP6 ⁷	U075GP4	BR54UWR, BR32UWR, 5-20R2WR	THQL2150, THQL1130, THQL1120GFT	100	Z	9PT		LC55N1	47			
F	U075GP6019	—	BR54UWR, BR32UWR, 5-20R2WR	THQL2150, THQL1130GFT, THQL1120GFT	100	Z	9PT		LC55N1	47			
G	U102EP6	—	—	(5) Spaces	100	V	9PT		LC55N2	46			Y
H	U131CP6010	—	(2) BR32UWR, (2) 5-20R2GFCIWR	(2) THQL1130, (2) THQL1120, Space THQL1120	100	Z	14PT		LC55N1	47			Y'
I	U355GP6	—	BR54UWR, 5-20R2WR	THQL2150, THQL1120GFT, (2) Space 100A Max	100	Z	9PT		LC55N1	47			
J	U004CP6010 ⁶	U004CP4010 ²	(2) BR54UWR, 5-20R2GFCIWR	(2) THQL2150, THQL1120	120	Z	9PT		LC55N1	47			
K	U775CP6010	U775CP4010	(2) 14-50R, BR32UWR, 5-20R2GFCIWR	(2) THQP250, THQL1130, THQP120	125	Z	9PT	265A6250G34	97				

¹ cULus approved.

² Available with factory installed TV/Telephone – U075CP6031, U075CP4031, U004CP4031.
See pages 11-33–11-34 for TV/Telephone model diagrams.

³ Available in bronze paint – U075CP6010BZ, U075CP4010Z1.

⁴ Available in tan paint – U075CP6010T.

⁵ Post depth dimension is non-standard (4-3/8").

⁶ Available with light and GFCI receptacles – U004CP6L10.

⁷ Available with CU conductors – U075GP6C.

* Wire Range Table on page 11-38.

Unmetered

Pedestal, Earth Burial, 125 Amps, 120/208V

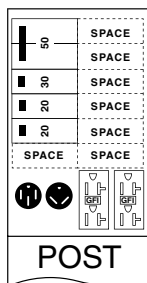


Fig. A
5S3S2S2SES
 BR54UWR, BR32UWR, (2) 5-20R2GFCIWR

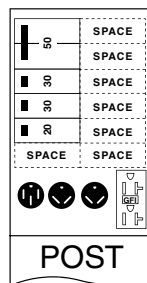


Fig. B
5S3S3S2SES
 BR54UWR, (2) BR32UWR, 5-20R2GFCIWR

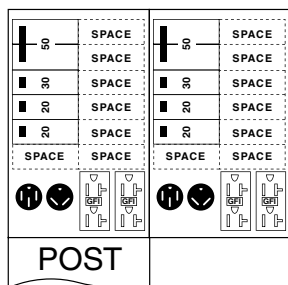


Fig. C
5S3S2S2SEB
 BR54UWR, BR32UWR, (2) 5-20R2GFCIWR

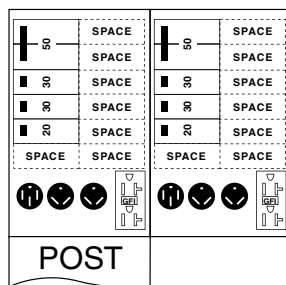


Fig. D
5S3S3S2SEB
 BR54UWR, (2) BR32UWR, 5-20R2GFCIWR

3-Phase

Fig.	Model Number	Receptacles	Circuit Protection	Sides	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
A	5S3S2S2SES	BR54UWR, BR32UWR, (2) 5-20R2GFCIWR	THQL2150, THQL1130, (2) THQL1120	1	125	6-350 kcmil ²	14PT	N	3-Phase, 4 Wire	—	1	Y ¹
B	5S3S3S2SES	BR54UWR, (2) BR32UWR, 5-20R2GFCIWR	THQL2150, (2) THQL1130, THQL1120									

3-Phase, Back-to-Back

Fig.	Model Number	Receptacles	Circuit Protection	Sides	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
C	5S3S2S2SEB ²	BR54UWR, BR32UWR, (2) 5-20R2GFCIWR	THQL2150, THQL1130, (2) THQL1120	2	125	6-350 kcmil ²	14PT	N	3-Phase, 4 Wire	—	1	Y ¹
D	5S3S3S2SEB	BR54UWR, BR32UWR, 5-20R2GFCIWR	THQL2150, (2) THQL1130, THQL1120									

¹ cULus approved.

² Loop Lugs – Line/Neutral/Ground.

* Wire Range Table on page 11-37.

Unmetered

Pedestal, Back-to-Back, 30 Amps, 120V

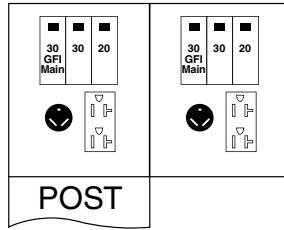


Fig. A
U042GB6
R32UWR, 5-20R2WR

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
	Earth Burial	Pad Mount										
A	U042GB6	—	R32UWR, 5-20R2WR	THQL1130GFT Main, (2) THQL1120	30	Z	6PT	N	LC33N7	47	1	Y ¹

¹ cULus approved.

* Wire Range Table on page 11-28.

Pedestal, Back-to-Back, 70 Amps, 120/240V

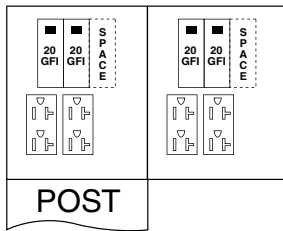


Fig. B
U011GB6, U011GB4
(2) 5-20R2WR

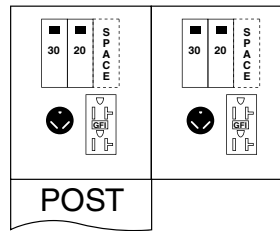


Fig. C
U041CB6010, U041CB4010
R32UWR, 5-20R2GFCIWR

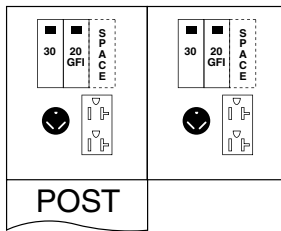


Fig. D
U041GB6, U041GB4
R32UWR, 5-20R2WR

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
	Earth Burial	Pad Mount										
B	U011GB6	U011GB4	(2) 5-20R2WR	(2) THQL1120GFT, Space THQL1120	70	Z	6PT	N	LC33N7	47	1	Y ¹
C	U041CB6010	U041CB4010	R32UWR, 5-20R2GFCIWR	THQL1130, THQL1120, Space THQL1120								
D	U041GB6	U041GB4	R32UWR, 5-20R2WR	THQL1130, THQL1120GFT, Space THQL1120								

¹ cULus approved.

* Wire Range Table on page 11-38.

Unmetered

Pedestal, Back-to-Back, 80 – 120 Amps, 120/240V

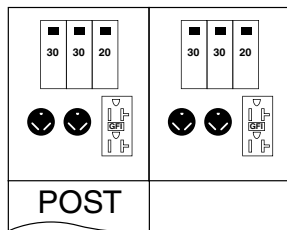


Fig. A
U611CB6010, U611CB4010
 (2) R32UWR, 5-20R2GFCIWR

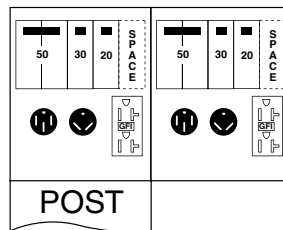


Fig. B
U075CB6010, U075CB4010
 BR54UWR, R32UWR, 5-20R2GFCIWR

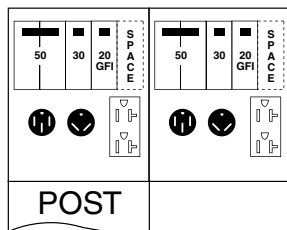


Fig. C
U075GB6
 BR54UWR, R32UWR, 5-20R2WR

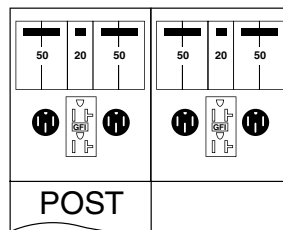


Fig. D
U004CB6010, U004CB4010
 (2) BR54UWR, 5-20R2GFCIWR

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
	Earth Burial	Pad Mount										
A	U611CB6010	U611CB4010	(2) R32UWR, 5-20R2GFCIWR	(2) THQL1130, THQL1120	80	Z	9PT	N	LC33N1	62	1	Y ¹
B	U075CB6010 ²	U075CB4010 ²	BR54UWR, R32UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120, Space THQL1120	100	S	9PT		LC55N1			
C	U075GB6	—	BR54UWR, R32UWR, 5-20R2WR	THQL2150, THQL1130, THQL1120GFT, Space THQL1120	100	S	9PT		LC55N1			
D	U004CB6010	U004CB4010	(2) BR54UWR, 5-20R2GFCIWR	(2) THQL2150, THQL1120	120	S	9PT		LC55N1			

¹ cULus approved.

² Available with factory installed TV/Telephone – U075CB6031, U075CB4031. See pages 11-33–11-34 for TV/Telephone model diagrams.

* Wire Range Table on page 11-37–11-38.

Metered

Pedestal, Earth Burial, 70 – 100 Amps, 120/240V

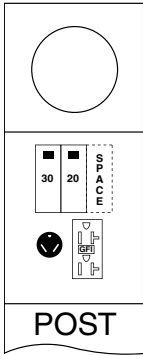


Fig. A
M041CP6010, R041CP6010
 R32UWR, 5-20R2GFCIWR

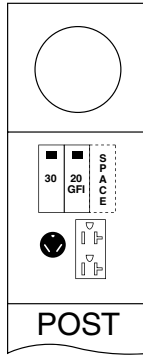


Fig. B
M041GP6
 R32UWR, 5-20R2WR

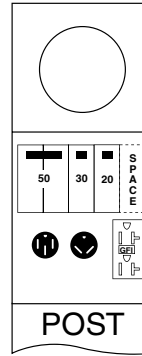


Fig. C
M075CP6010, R075CP6010
 BR54UWR, R32UWR, 5-20R2GFCIWR

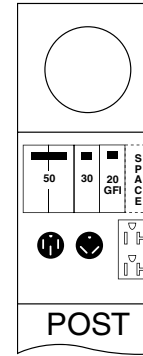


Fig. D
M075GP6, R075GP6
 BR54UWR, R32UWR, 5-20R2WR

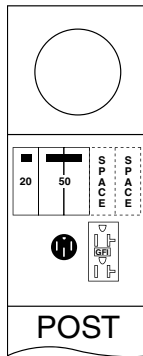


Fig. E
R355CP6010
 BR54UWR, 5-20R2GFCIWR

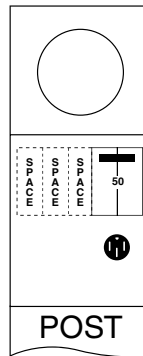


Fig. F
M354CP6
 BR54UWR

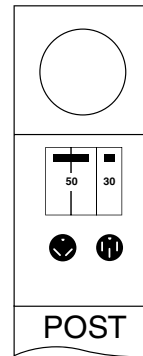


Fig. G
M358CP6
 BR54UWR, R32UWR

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless										
A	M041CP6010	R041CP6010	R32UWR, 5-20R2GFCIWR	THQL1130, THQL1120, Space THQL1120	100	Z	9PT	N	LC33N1	53	1	UL US
B	M041GP6	—	R32UWR, 5-20R2WR	THQL1130, THQL1120GFT, Space THQL1120	100	Z		N	LC33N1	59		
C	M075CP6010 ^{1,2}	R075CP6010 ^{1,3}	BR54UWR, R32UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120, Space THQL1120	100	Y		N	LC55N1	59		
D	M075GP6	R075GP6	BR54UWR, R32UWR, 5-20R2WR	THQL1120GFT, Space THQL1120	100	Z		N	LC55N1	59		
E	—	R355CP6010 ²	BR54UWR, 5-20R2GFCIWR	THQL2150, THQL1120, (2) Space THQL1120	100	Z		Y	LC55N1	59		
F	M354CP6	—	BR54UWR	THQL2150 (3) Space THQL1120	100	ZY		N	LC55N1	59		
G	M358CP6	—	BR54UWR, R32UWR	THQL2150, THQL1130	100	Z		N	LC55N1	53		

¹ Available with factory installed TV/Telephone – M075CP6031, R075CP6031, R355CP6031. See pages 11-33–11-34 for TV/Telephone model diagrams.

² Available in camo green – M075CP6010GR.

³ Available in bronze finish – R075CP6010Z1.

* Wire Range Table on page 11-37–11-38.

Metered

Pedestal, Earth Burial, 120 – 200 Amps, 120/240V

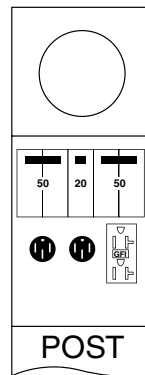


Fig. A
M004CP6010
(2) BR54UWR, 5-20R2GFCIWR

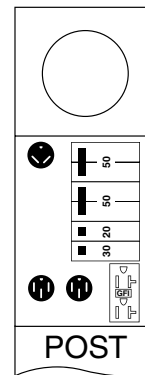


Fig. B
M775CP6010
(2) BR54UWR, BR32UWR, 5-20R2GFCIWR

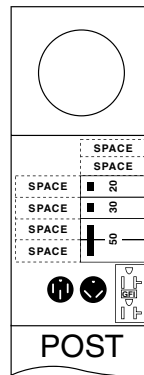


Fig. C
M675CP6010
BR54UWR, BR32UWR, 5-20R2GFCIWR

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless										
A	M004CP6010	—	(2) BR54UWR, 5-20R2GFCIWR	(2) THQL2150, THQL1120	100	Z	9PT	N	LC55N1	48		
B	M775CP6010	—	(2) BR54UWR, BR32UWR, 5-20R2GFCIWR	(2) THQP250, THQL1130, THQP120	125	Z	9PT	N	—	59	1	Y ¹
C	M675CP6010	—	BR54UWR, BR32UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120	200	BY	14PT	N	LC1212PC	87		

¹ cULus approved.

* Wire Range Table on page 11-37–11-38.

Metered

Pedestal, Earth Burial, Back-to-Back, 100 – 200 Amps, 120/240V

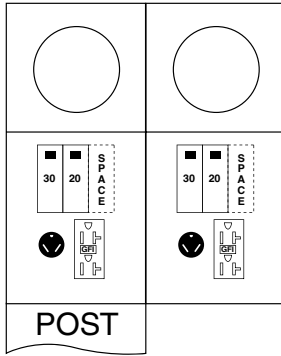


Fig. A
M041CB6010
 R32UWR, 5-20R2GFCIWR

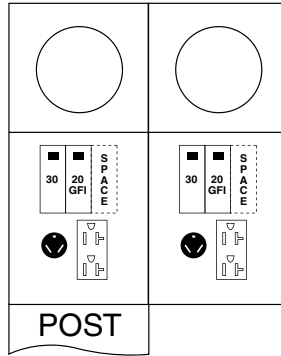


Fig. B
M041GB6, R041GB6
 R32UWR, 5-20R2WR

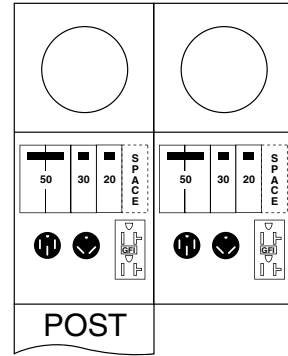


Fig. C
M075CB6010, R075CB6010
 BR54UWR, R32UWR, 5-20R2GFCIWR

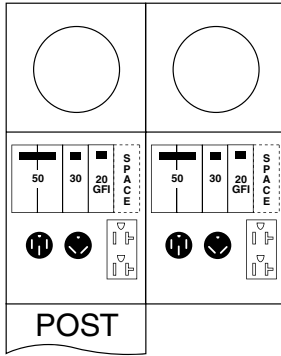


Fig. D
M075GB6
 BR54UWR, R32UWR, 5-20R2WR

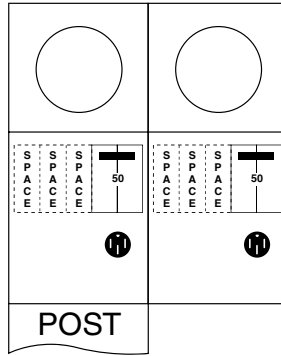


Fig. E
M354GB6
 BR54UWR

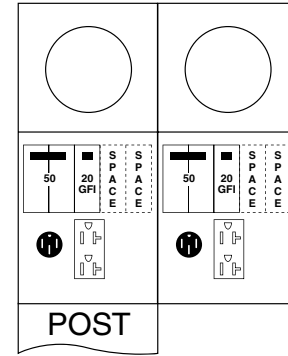


Fig. F
M355GB6
 BR54UWR, 5-20R2WR

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless										
A	M041CB6010	—	R32UWR, 5-20R2GFCIWR	THQL1130, THQL1120, Space THQL1120	100	S	9PT	N	LC33N1	82	1	cULus
B	M041GB6	R041GB6	R32UWR, 5-20R2WR	THQL1130, THQL1120GFT, Space THQL1120	100		9PT	N	LC33N1	82		
C	M075CB6010 ¹	R075CB6010	BR54UWR, R32UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120, Space THQL1120	100		9PT	N	LC55N1	82	1	UL, MEG
D	M075GB6	—	BR54UWR, R32UWR, 5-20R2WR	THQL2150, THQL1130, THQL1120GFT, Space THQL1120	100		9PT	N	LC55N1	82		
E	M354CB6	—	BR54UWR	THQL2150 (3) Space THQL1120	100		9PT	N	LC55N1	82	1	cULus
F	M355GB6	—	BR54UWR, 5-20R2WR	THQL2150, THQL1120GFT, (2) Space THQP250	100		9PT	N	LC55N1	82		

¹ See pages 11-33–11-34 for TV/Telephone model diagrams.

* Wire Range Table on page 11-37.

Metered

Pedestal, Pad Mount, 100 Amps, 120/240V

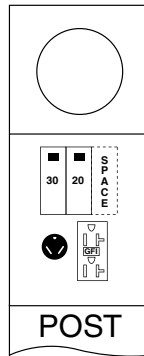


Fig. A
M041CP4010
R32UWR, 5-20R2GFCIWR

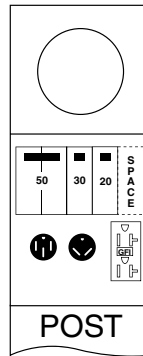


Fig. B
M075CP4010, R075CP4010
BR54UWR, R32UWR, 5-20R2GFCIWR

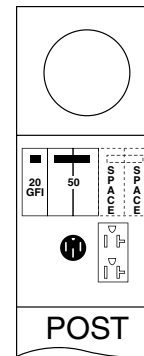


Fig. C
M355GP4
BR54UWR, 5-20R2WR

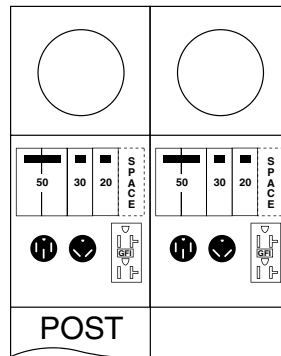


Fig. D
M075CB4010
BR54UWR, R32UWR, 5-20R2GFCIWR

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless										
A	M041CP4010	—	R32UWR, 5-20R2GFCIWR	THQL1130, THQL1120, Space THQL1120	100	Z	9PT	N	LC33N1	53	1	Y ¹
B	M075CP4010	R075CP4010	BR54UWR, R32UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120, Space THQL1120					LC55N1	59		
C	M355GP4	—	BR54UWR, 5-20R2WR	THQL2150, THQL1120GFT, Space THQP250		ZX			LC55N1	59		

Back-to-Back

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
	Ring Type	Ringless										
D	M075CB4010	—	BR54UWR, R32UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120, Space THQL1120	100	S	9PT	N	LC55N1	82	1	Y ¹

¹ cULus approved.

* Wire Range Table on page 11-37–11-38.

Unmetered

LED Light, Surface, 100 Amps, 120/240V

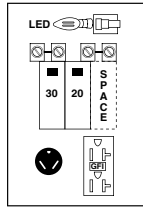


Fig. A
U041CTLL10
R32UWR, 5-20R2GFCIWR

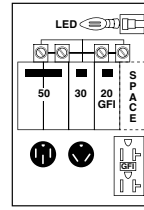


Fig. B
U075CTLL10
BR54UWR, R32UWR, 5-20R2WR

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Lug Type	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
A	U041CTLL10	R32UWR, 5-20R2GFCIWR	THQL1130, THQL1120	100	Loop Feed	W	9 x 17	N	LC33N1T	14	1	Y ¹
B	U075CTLL10	BR54UWR, R32UWR, 5-20R2GFCIWR	THQL2150, THQL1130, Space THQL1120						LC55N1T	16		

¹ cULus approved.

* Wire Range Table on page 11-38.

LED Socket Assembly.

Metered

LED Light, Pedestal, 100 Amps, 120/240V

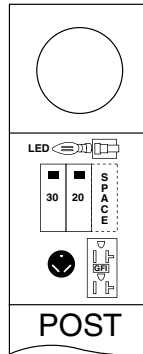


Fig. C
M041CP6L10, M041CP4L10
R32UWR, 5-20R2GFCIWR

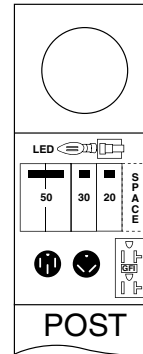


Fig. D
M075CP6L10, M075CP4L10
BR54UWR, R32UWR, 5-20R2GFCIWR

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
	Earth Burial	Pad Mount										
C	M041CP6L10	M041CP4L10 ²	R32UWR, 5-20R2GFCIWR	THQL1130, THQL1120, Space THQL1120	100	Z	9PT	Y	LC33N1	50	1	Y ¹
D	M075CP6L10 ²	M075CP4L10 ²	BR54UWR, R32UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120, Space THQL1120					LC55N1	59		

¹ cULus approved.

² Available with factory installed TV/Telephone – M075CP6L31. See pages 11-33–11-34 for TV/Telephone model diagrams.

* Wire Range Table on page 11-38.

LED Socket Assembly.

Unmetered

LED Light, Pedestal, 70 – 100 Amps, 120/240V

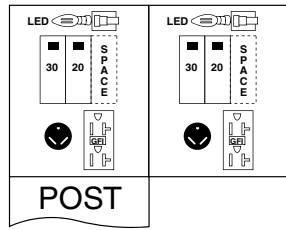


Fig. A
U041CB6L10, U041CB4L10
 R32UWR, 5-20R2GFCIWR

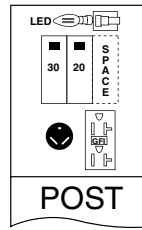


Fig. B
U041CP6L10, U041CP4L10
 R32UWR, 5-20R2GFCIWR

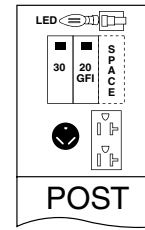


Fig. C
U041GP6L, U041GP4L
 BR54UWR, R32UWR, 5-20R2WR

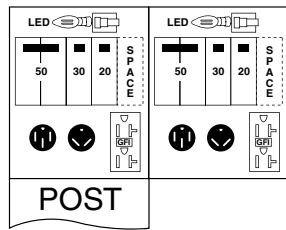


Fig. D
U075CB6L10, U075CB4L10
 BR54UWR, R32UWR, 5-20R2GFCIWR

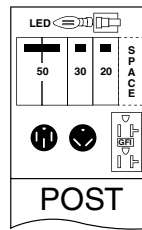


Fig. E
U075CP6L10, U075GP4L10,
 BR54UWR, R32UWR, 5-20R2GFCIWR

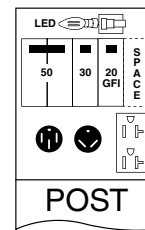


Fig. F
U075GP6L, U075GP4L
 BR54UWR, R32UWR, 5-20R2WR

Fig.	Model Number		Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
	Earth Burial	Pad Mount										
A	U041CB6L10	U041CB4L10	R32UWR, 5-20R2GFCIWR	THQL1130, THQL1120, Space THQL1120	70	Z	6PT	N	LC33N1	42	1	Y ¹
B	U041CP6L10	U041CP4L10	R32UWR, 5-20R2GFCIWR	THQL1130, THQL1120, Space THQL1120	70	Z	6PT		LC33N1	30		
C	U041GP6L	U041GP4L	BR54UWR, R32UWR, 5-20R2WR	THQL1130, THQL1120GFT, THQL2150, Space THQL1120	70	Z	6PT		LC33N1	30		
D	U075CB6L10	U075CB4L10	BR54UWR, R32UWR, 5-20R2GFCIWR	THQL1120, Space THQL1120, THQL2150, THQL1130	100	S	9PT		LC55N1	62		
E	U075CP6L10 ^{2,3}	U075CP4L10 ²	BR54UWR, R32UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120, Space THQL1120	100	Z	9PT		LC55N1	36		
F	U075GP6L	U075GP4L	BR54UWR, R32UWR, 5-20R2WR	THQL2150, THQL1130, THQL1120GFT, Space THQL1120	100	Z	9PT		LC55N1	62		

¹ cULus approved.

² Available with factory installed TV/Telephone – U075CP6L31, U075CP4L31. See pages 11-33–11-34 for TV/Telephone model diagrams.

³ Available with factory installed TV/Telephone, light and bronze finish – U075CP6L31BZ.

* Wire Range Table on page 11-37–11-38.



RV Equip – Metallic

Technical Data

Model Number	Replacement Parts		Cabinet Size	Enclosure Style ¹	Cabinet Dimensions (inches) ³			Knockout Figure ²
	Meter Socket	Post Lugs			Height (A)	Width (B)	Depth (C)	
5S3S2S2SEB	—	LT100B350	14PT	—	—			—
5S3S2S2SES	—	LT100S350	14PT	—	—			—
5S3S3S2SEB	—	LT100B350	14PT	—	—			—
5S3S3S2SES	—	LT100S350	14PT	—	—			—
M004C010	MSM100930	—	9 x 30	B	30	9-3/4	5-3/16	2
M004CP6010	MSM100P9	LT100S350	9PT	—	—			—
M041C010	MSM100930	—	9 x 30	B	30	9-3/4	5-3/16	2
M041CB6010	MSM100P9, MSM100HP ⁴	LT100B350	9PT	A	—			—
M041CP4010	MSM100P9	LT100S350	9PT	—	—			—
M041CP4L10	MSM100P9	LT100S350	9PT	—	—			—
M041CP6010	MSM100P9	LT100S350	9PT	—	—			—
M041CP6L10	MSM100P9	LT100S350	9PT	—	—			—
M041GB6	MSM100P9, MSM100HP ⁴	LT100B350	9PT	A	—			—
M041GP6	MSM100P9	LT100S350	9PT	—	—	—	—	—
M075C010	MSM100930	—	9 x 30	B	30	9-3/4	5-3/16	2
M075CB4010	MSM100P9, MSM100HP ⁴	LT100B350	9PT	A	—			—
M075CB6010	MSM100P9, MSM100HP ⁴	LT100B350	9PT	A	—			—
M075CP4010	MSM100P9	LT100S350	9PT	—	—			—
M075CP4L10	MSM100P9	LT100S350	9PT	—	—			—
M075CP6010	MSM100P9	LT100S350	9PT	—	—			—
M075CP6010GR	MSM100P9	LT100S350	9PT	—	—			—
M075CP6031	MSM100P9	LT100S350	9PT	—	—			—
M075CP6L10	MSM100P9	LT100S350	9PT	—	—			—
M075CP6L31	MSM100P9	LT100S350	9PT	—	—			—
M075GB6	MSM100P9, MSM100HP ⁴	LT100B350	9PT	A	—			—
M075GP6	MSM100P9	LT100S350	9PT	—	—			—
M354CB6	MSM100P9	LT100B350	9PT	See page 11-35				
M354CP6	MSM100P9	LT100S350	9PT	See page 11-35				
M355G	MSM100930	—	9 x 30	B	30	9-3/4	5-3/16	2
M355GB6	MSM100P9, MSM100HP ⁴	LT100B350	9PT	A	—			—
M355GP4	MSM100P9	LT100S350	9PT	—	—			—
M358CP6	MSM100P9	LT100B350	9PT	—	—			—
M675CP6010	— ⁶	LT200S350	14PT	—	—			—
M775CP6010	MSM100P9	LT100S350	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	LT100S350	9PT	—	—			—
R041G	MSR100930	—	9 x 30	B	30	9-3/4	5-3/16	2
R041GB6	MSR100P9, MSR100HP ⁵	LT100B350	9PT	B	—			—
R075C010	MSR100930	—	9 x 30	B	30	9-3/4	5-3/16	2
R075CB6010	MSR100P9	LT100B350	9PT	—	—			—
R075CP4010	MSR100P9	LT100S350	9PT	—	—			—
R075CP6010	MSR100P9	LT100S350	9PT	—	—			—
R075CP6010Z1	MSR100P9	LT100S350	9PT	—	—			—
R075CP6031	MSR100P9	LT100S350	9PT	—	—			—
R075GP6	MSR100P9	LT100S350	9PT	—	—			—
R355CP6010	MSR100P9	LT100S350	9PT	—	—			—
R355CP6031	MSR100P9	LT100S350	9PT	—	—			—
R355G	MSR100930	—	9 x 30	B	30	9-3/4	5-3/16	2

¹ Enclosure Styles on page 11-32.² Knockout Figures on page 11-32.³ Post Cabinet sizes and dimensions on page 11-32.⁴ Front (inline side) – MSM100P9; Back (powerhead side) – MSM100HP.⁵ Front (inline side) – MSR100P9; Back (powerhead side) – MSR100HP.⁶ No replacement meter socket set up in system.

Technical Data

Model Number	Replacement Parts		Cabinet Size	Enclosure Style ¹	Cabinet Dimensions (inches) ³			Knockout Figure ²
	Meter Socket	Post Lugs			Height (A)	Width (B)	Depth (C)	
U004CB4010	—	LT100B350	9PT	—	—	—	—	—
U004CB6010	—	LT100B350	9PT	—	—	—	—	—
U004CP4010	—	LT100S350	9PT	—	—	—	—	—
U004CP4031	—	LT100S350	9PT	—	—	—	—	—
U004CP6010	—	LT100S350	9PT	—	—	—	—	—
U004CP6L10	—	LT100S350	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	—	LT100S350	6PT	—	—	—	—	—
U011CP6010	—	LT100S350	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	—	LT100B350	6PT	—	—	—	—	—
U011GB6	—	LT100B350	6PT	—	—	—	—	—
U011GP4	—	LT100S350	6PT	—	—	—	—	—
U011GP6	—	LT100S350	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	—	LT100S350	6PT	—	—	—	—	—
U040GP6	—	LT100S350	6PT	—	—	—	—	—
U040GP6010	—	LT100S350	6PT	—	—	—	—	—
U040GTL	—	—	9 x 17	A	17-3/8	9-3/4	5-3/16	2
U041C010P	—	—	6 x 14	A	14-3/8	7-1/4	5-3/16	1
U041CB4010	—	LT100B350	6PT	—	—	—	—	—
U041CB4L10	—	LT100B350	6PT	—	—	—	—	—
U041CB6010	—	LT100B350	6PT	—	—	—	—	—
U041CB6L10	—	LT100B350	6PT	—	—	—	—	—
U041CP4010	—	LT100S350	6PT	—	—	—	—	—
U041CP4031	—	LT100S350	6PT	—	—	—	—	—
U041CP4L10	—	LT100S350	6PT	—	—	—	—	—
U041CP6010	—	LT100S350	6PT	—	—	—	—	—
U041CP6031	—	LT100S350	6PT	—	—	—	—	—
U041CP6L10	—	LT100S350	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	—	LT100B350	6PT	—	—	—	—	—
U041GB6	—	LT100B350	6PT	—	—	—	—	—
U041GP4	—	LT100S350	6PT	—	—	—	—	—
U041GP4L	—	LT100S350	6PT	—	—	—	—	—
U041GP6	—	LT100S350	6PT	—	—	—	—	—
U041GP6L	—	LT100S350	6PT	—	—	—	—	—
U041GTL	—	—	9 x 17	A	17-3/8	9-3/4	5-3/16	2
U042GB6	—	LT100B350	6PT	—	—	—	—	—
U042GP6	—	LT100S350	6PT	—	—	—	—	—
U055CP4010	—	LT100S350	6PT	—	—	—	—	—
U055CP6010	—	LT100S350	6PT	—	—	—	—	—
U074GTL	—	—	9 x 17	A	17-3/8	9-3/4	5-3/16	2
U075CB4010	—	LT100B350	9PT	—	—	—	—	—
U075CB4031	—	LT100B350	9PT	—	—	—	—	—
U075CB4L10	—	LT100B350	9PT	—	—	—	—	—

¹ Enclosure Styles on page 11-32.
² Knockout Figures on page 11-32.
³ Post Cabinet sizes and dimensions on page 11-32.

Data subject to change without notice.

RV Equip – Metallic

Technical Data

Model Number	Replacement Parts		Cabinet Size	Enclosure Style ¹	Cabinet Dimensions (inches) ³			Knockout Figure ²
	Meter Socket	Post Lugs			Height (A)	Width (B)	Depth (C)	
U075CB6010	—	LT100B350	9PT	—	—	—	—	—
U075CB6031	—	LT100B350	9PT	—	—	—	—	—
U075CB6L10	—	LT100B350	9PT	—	—	—	—	—
U075CP4010	—	LT100S350	9PT	—	—	—	—	—
U075CP4010Z1	—	LT100S350	9PT	—	—	—	—	—
U075CP4031	—	LT100S350	9PT	—	—	—	—	—
U075CP4L10	—	LT100S350	9PT	—	—	—	—	—
U075CP4L31	—	LT100S350	9PT	—	—	—	—	—
U075CP6010	—	LT100S350	9PT	—	—	—	—	—
U075CP6010BZ	—	LT100S350	9PT	—	—	—	—	—
U075CP6010D	—	LT100S350	9PT	—	—	—	—	—
U075CP6010T	—	LT100S350	9PT	—	—	—	—	—
U075CP6031	—	LT100S350	9PT	—	—	—	—	—
U075CP6033	—	LT100S350	9PT	—	—	—	—	—
U075CP6L10	—	LT100S350	9PT	—	—	—	—	—
U075CP6L31	—	LT100S350	9PT	—	—	—	—	—
U075CP6L31BZ	—	LT100S350	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	—	LT100S350	9PT	—	—	—	—	—
U075GP4L	—	LT100S350	9PT	—	—	—	—	—
U075GP6	—	LT100S350	9PT	—	—	—	—	—
U075GP6C	—	LT100S350	9PT	—	—	—	—	—
U075GP6019	—	LT100S350	9PT	—	—	—	—	—
U075GP6L	—	LT100S350	9PT	—	—	—	—	—
U075GTL	—	—	9 x 17	A	17-3/8	9-3/4	5-3/16	2
U102E	—	—	9 x 17	A	17-3/8	9-3/4	5-3/16	5
U102EP6	—	LT100S350	—	9PT	See page 11-35			—
U131CP6010	—	LT100S350	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	—	LT100S350	9PT	—	—	—	—	—
U412CP6010	—	LT100S350	9PT	—	—	—	—	—
U412G	—	—	9 x 17	A	17-3/8	9-3/4	5-3/16	2
U412GP6	—	LT100S350	9PT	—	—	—	—	—
U611CB4010	—	LT100B350	9PT	—	—	—	—	—
U611CB6010	—	LT100B350	9PT	—	—	—	—	—
U611CP4010	—	LT100S350	9PT	—	—	—	—	—
U611CP6010	—	LT100S350	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	—	LT100S350	9PT	—	—	—	—	—
U775CP6010	—	LT100S350	9PT	—	—	—	—	—
UL412RMW	—	—	7 x 10	A	10	7-1/4	4	6

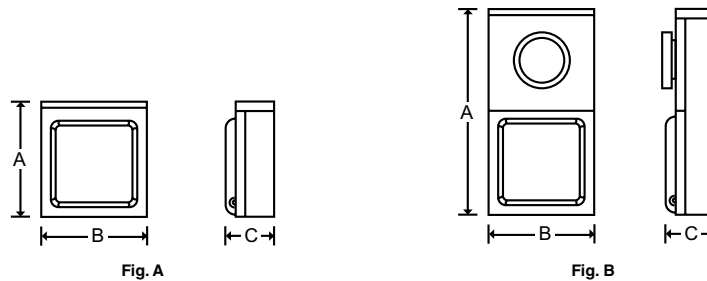
¹ Enclosure Styles on page 11-32.² Knockout Figures on page 11-32.³ Post Cabinet sizes and dimensions on page 11-32.

Technical Data

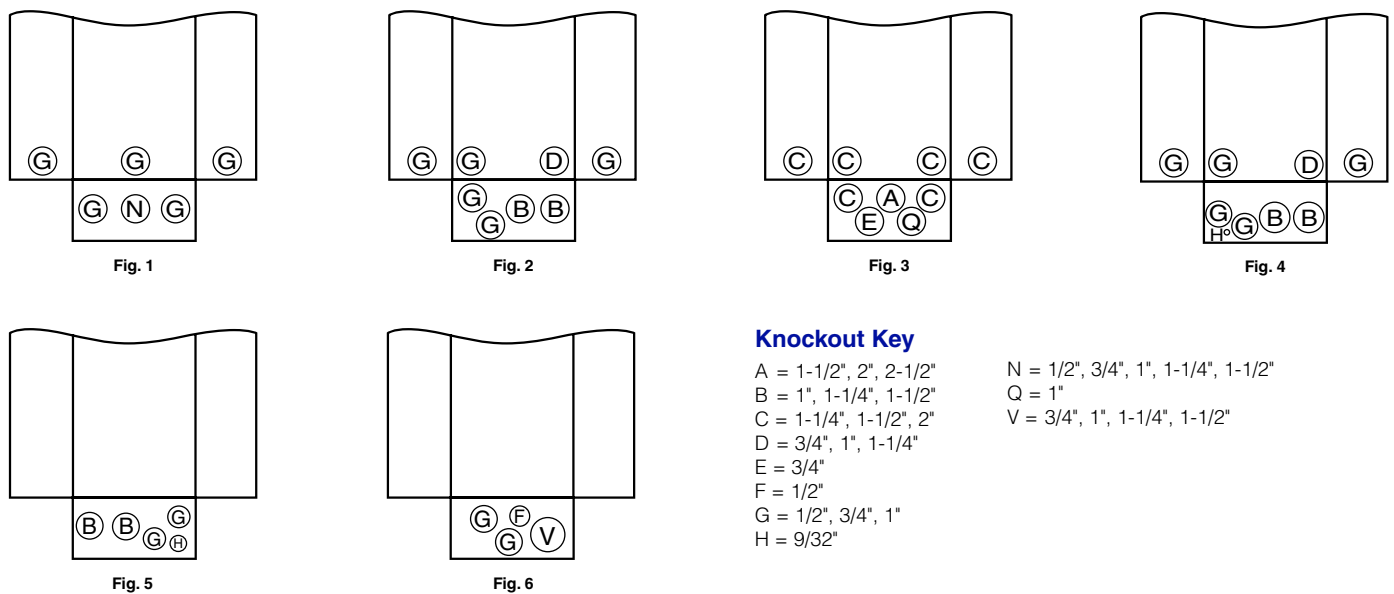
RV Power Outlets

Cabinet Size	Enclosure Style	Cabinet Dimensions (inches)			Knockout Figure
		Height (A)	Width (B)	Depth (C)	
6 x 9	A	9-1/8	7-1/4	5-3/16	1
6 x 14	A	14-3/8	7-1/4	5-3/16	1
9 x 17	A	17-3/8	9-3/4	5-3/16	2
9 x 30	B	30	9-3/4	5-3/16	2
14 x 21	A	21-3/8	14-3/4	6-7/16	3

Enclosure Styles / Cabinet Dimensions



Knockout Configurations



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

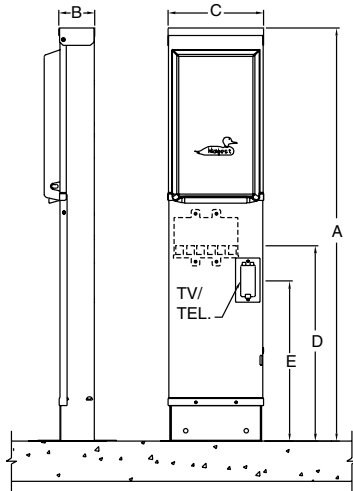
* Knockouts shown for size not for exact positions.

Data subject to change without notice.

Post Dimensions

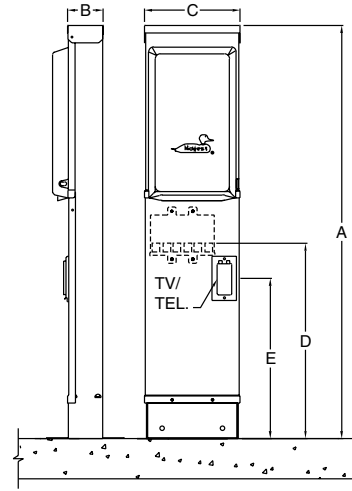
TV/Telephone Unmetered

U004CP4031



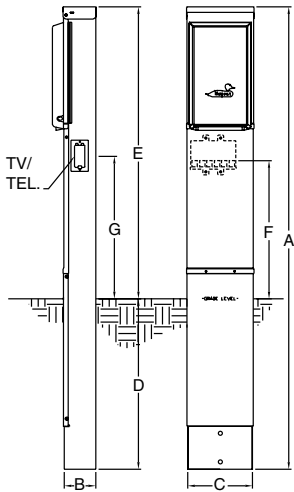
Key	Unmetered
A	41-1/8"
B	3-1/8"
C	9"
D	19-1/2"
E	16"

U075CP4031



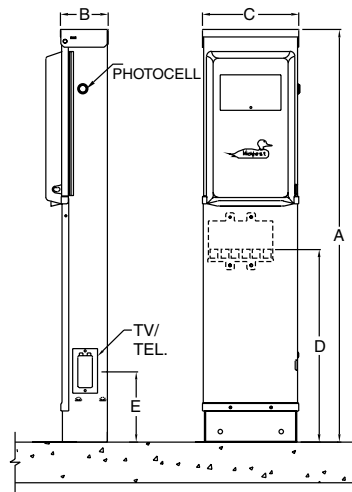
Key	Unmetered
A	41-1/8"
B	3-3/8"
C	9"
D	19-1/2"
E	16"

U041CP6031



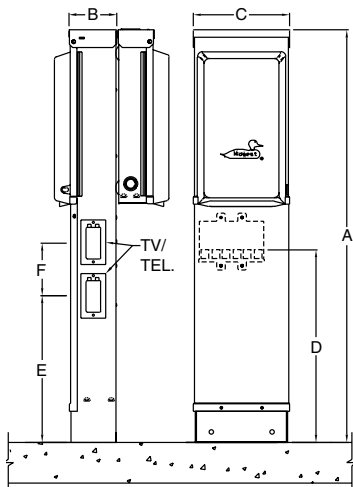
Key	Unmetered
A	65-1/8"
B	4-1/2"
C	9"
D	24"
E	41-1/8"
F	19-1/2"
G	20"

U075CP4L31



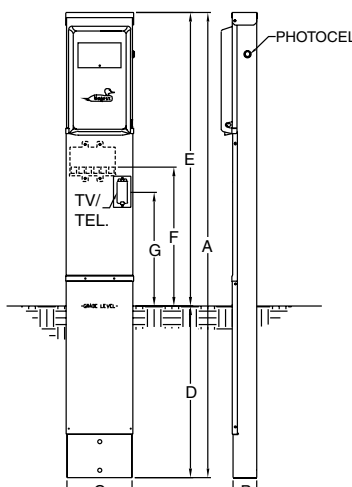
Key	Unmetered
A	40-1/2"
B	4-1/2"
C	9"
D	19"
E	7"

U075CB4031



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

U075CP6L31



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

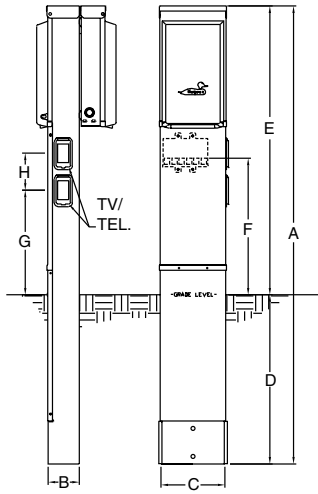
Data subject to change without notice.

RV Equip – Metallic

Post Dimensions

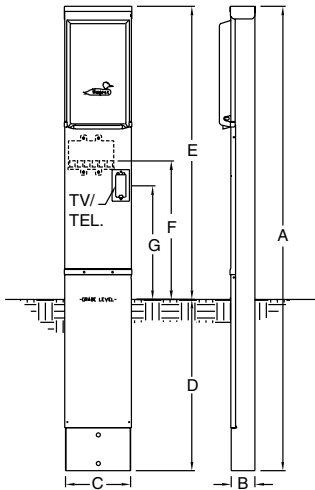
TV/Telephone Unmetered

U075CB6031



Key	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"

U075CP6031



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

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

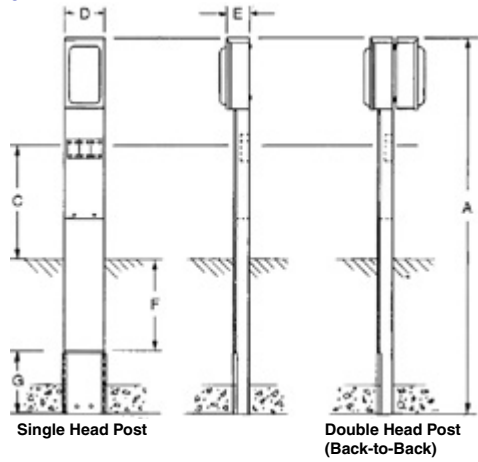
Dimensions Key

- 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

Post Dimensions

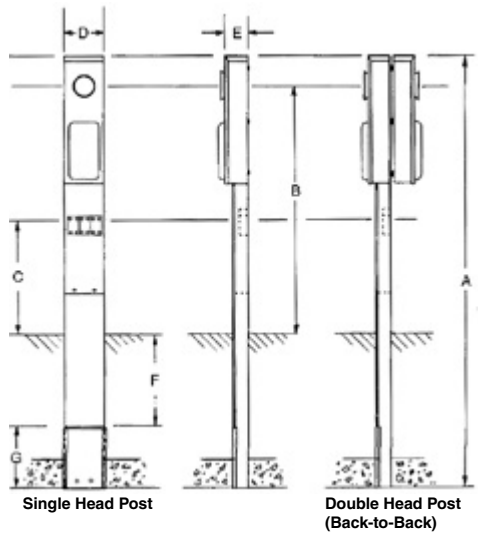
Earth Burial

6PT



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

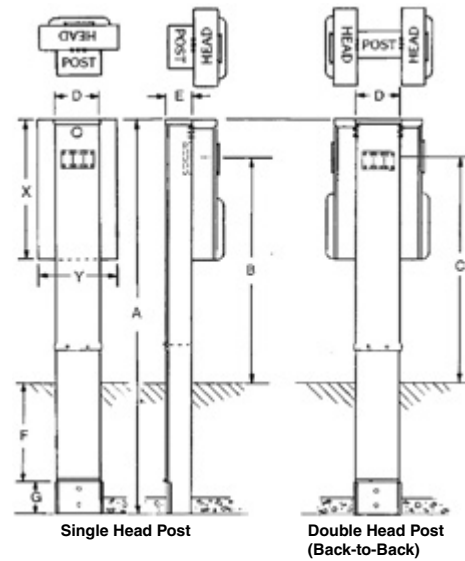
9PT



Key	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" ¹	3-1/2" ¹
F	18"	18"
G	6"	6"

¹ Some models available in 4-3/8".
 Contact distributor/factory.

14PT



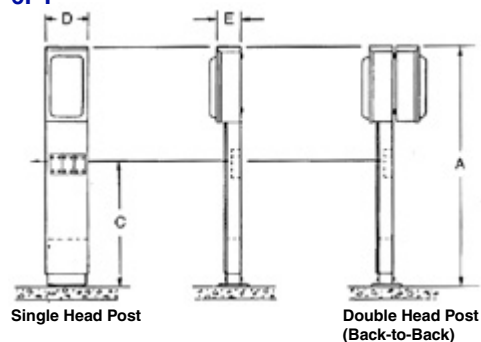
Key	Unmetered	Metered
A	83-1/2"	86"
B	—	50"
C	49-1/2"	49-1/2"
D	9"	9"
E	3-1/2"	3-1/2" ¹
F	18"	18"
G	6"	6"

¹ Some models available in 4-3/8".
 Contact distributor/factory.

Post Dimensions

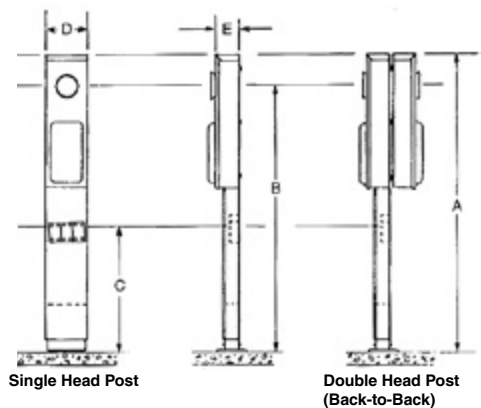
Pad Mount

6PT



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

9PT



Key	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" ¹	3-1/2" ¹

¹ Some models available in 4-3/8".
 Contact distributor/factory.

Dimensions 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

Wire Range Tables

AA

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-1/0	—	6-1/0
Load	14-10	14-10	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

AR

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-10	14-10	—	—
Load	14-10	14-10	—	—
Neutral	—	—	—	—
Equipment Ground	12-8	12-2	—	—

B

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-6	12-8	12-6
Load	14-10	14-10	—	—
Neutral	12-8	12-6	12-8	12-6
Equipment Ground	12-8	12-2	12-8	12-2

BB

Connector	Copper	
	Solid	Strand
Line	14-10	14-10
Load	14-10	14-10
Neutral	14-10	14-10
Equipment Ground	12-8	12-2

BX

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line - Meter 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
Neutral	—	2-250	—	2-250
Neutral	14-8	14-1/0	12-8	12-1/0
Neutral	14-8	10-4	—	6-4
Neutral	14-8	12-8	12-8	12-8
Equipment Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	6-350 kcmil		6-350 kcmil	

BY

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	1/0-250	—	1/0-250
Load	14-10	14-10	—	—
Neutral	—	2-250	—	2-250
Neutral	14-8	14-1/0	12-8	12-1/0
Neutral	14-8	10-4	—	12-8
Neutral	14-8	12-8	12-8	12-8
Equipment Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	6-350 kcmil		6-350 kcmil	

P

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	14-10	14-10	—	—
Neutral - End Hole	14-8	14-2	12-8	12-2
Neutral - Side Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

S

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Post Line Connectors Suitable for Loop Feed	6-350 kcmil		6-350 kcmil	
Equipment Ground	12-2		12-2	

T3

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Load - Plug / Duplex	14-10	14-10	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground Post	14-2/0	14-2/0	14-2/0	14-2/0
Post Line Connector	6-350 kcmil		6-350 kcmil	

U

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	14-10	14-10	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

Wire Range Tables

UX

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-10	12-1/0
Neutral - Large Hole	12-8	12-1/0	10	10-1/0
Neutral - Small Hole	14-8	14-4	12-10	12-4
Equipment Ground	14-2/0	14-2/0	14-2/0	14-2/0

V

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	—	—	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

VB

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Neutral/Ground - Large Holes	14-8	10-4	12-8	10-4
Neutral/Ground - Small Holes	14-8	12-8	12-8	12-8

W

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line - Loop Feed	14-8	14-1/0	12-8	12-1/0
Load	14-8	14-1/0	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2

X

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line - CB Base (JL-100)	14-8	14-1/0	12-8	12-1/0
Load - Plug Duplex	14-10	14-10	—	—
Neutral	14-4	14-4	14-4	14-4
Equipment Ground – Post	14-2/0	14-2/0	14-2/0	14-2/0

Y

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line - Meter Socket	—	6-1/0	—	6-1/0
Load - Plug Duplex	14-10	14-10	—	—

Neutral	14-4	14-4	14-4	14-4
Equipment Ground – Post	14-2/0	14-2/0	14-2/0	14-2/0

YY

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	14-8	14-1/0	12-8	12-1/0
Load	14-10	14-10	—	—
Neutral	14-4	14-4	14-4	14-4
Post Line Connectors Suitable for Loop Feed	6-350 kcmil		6-350 kcmil	
Equipment Ground – Post	14-2/0	14-2/0	14-2/0	14-2/0

Z

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Post Line Connectors Suitable for Loop Feed	6-350 kcmil		6-350 kcmil	
Equipment Ground	14-2/0		14-2/0	

ZZ

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line - Meter Socket	—	1/0-250	—	1/0-250
Load - CB Base Lugs	—	2-250	—	2-250
Neutral - Large Single Lugs	—	2-250	—	2-250
Neutral - Small Single Lugs	14-8	14-1/0	12-8	12-1/0
Neutral - 6 Large Hole	14-8	10-4	—	6-4
Neutral - 8 Small Hole	14-8	12-8	12-8	12-8
Equipment Ground	12-8	12-2	12-8	12-2

ZX

Connector	Copper		Aluminum	
	Solid	Strand	Solid	Strand
Line	—	6-1/0	—	6-1/0
Load	—	—	—	—
Neutral - Large Hole	12-8	12-1/0	10-8	10-1/0
Neutral - Small Hole	14-8	14-4	12-8	12-4
Equipment Ground	12-8	12-2	12-8	12-2
Post Line Connectors Suitable for Loop Feed	2-350 kcmil		2-350 kcmil	
Equipment Ground	12-2	12-2	12-2	12-2



Application Information

ParkMate™ represents Midwest's premium line of RV power centers – offering superior corrosion protection against harsh coastal environments and in areas where roadways are heavily salted. The power center body is injection molded with impact and corrosion resistant VALOX™ engineered thermoplastic which is designed to provide years of maintenance free service. Post bodies are manufactured using heavy gauge galvanized steel. (Stainless steel posts are also available for the harshest environments.) Similar to our Metallic RV offering, ParkMate power centers are offered with the most common circuit protection, receptacles and convenience options. Choose ParkMate for the highest level of confidence in your RV power centers – you'll be glad you did!



Features and Benefits

Rugged Durability

- VALOX thermoplastic enclosure and internal components are corrosion resistant
- Earth burial posts are galvanized and features 350 KCMIL loop-feed lugs

Installation Ease

- Easy to wire terminal lugs
- Four circuit load center installed
- All units with factory installed Cu/Al equipment ground lug
- 10kAIC

User Safety

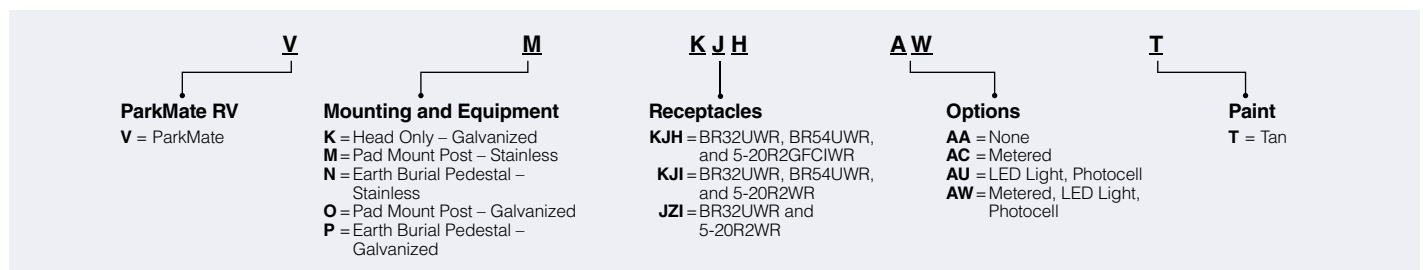
- Hinged cover closes over plugs and cords maintaining a safe, weather tight enclosure
- Padlock provision to prevent unauthorized access

Optional Features

- Available accessories – electronic meter, LED light, photocell
- Available add on accessory – TV/telephone
- Factory wired power receptacles are available in 20, 30 or 50 amp configurations protected by thermal magnetic circuit breakers
- Photoelectric sensor automatically turns lights on and off
- LED light illuminates receptacle for easy night time plug in while providing security lighting and easy identification of power center location – LED light circuit is protected by a 20 amp circuit breaker
- Additional accessories available – see pages 14-1–14-14



RV Equip – ParkMate™



Head Only and Galvanized Steel Post

100 Amps, 120/240V

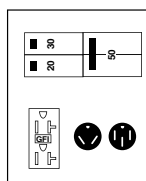


Fig. A
VKKJHAAT, VPKJHAAT,
VOKJHAAT
BR32UWR, BR54UWR,
5-20R2GFCIWR

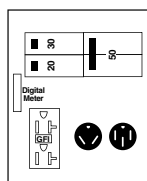


Fig. B
VKKJHACT, VPKJHACT,
VOKJHACT
BR32UWR, BR54UWR,
5-20R2GFCIWR

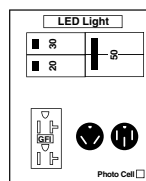


Fig. C
VKKJHAUT, VPKJHAUT,
VOKJHAUT
BR32UWR, BR54UWR,
5-20R2GFCIWR

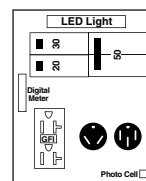


Fig. D
VKKJHAWT, VPKJHAWT,
VOKJHAWT
BR32UWR, BR54UWR,
5-20R2GFCIWR

Head Only

Fig.	Model Number ¹	Options	Receptacles	Circuit Protection	Amps	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
A	VKKJHAAT	—	BR32UWR, BR54UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120	100	13.5 x 10	LC44X1	9	1	Y
B	VKKJHACT	Metered						10		
C	VKKJHAUT	LED Light, Photocell						10		
D	VKKJHAWT	Metered, LED Light, Photocell						10		

Earth Burial, Galvanized Steel Post

Fig.	Model Number ¹	Options	Receptacles	Circuit Protection	Amps	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
A	VPKJHAAT	—	BR32UWR, BR54UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120	100	13.5 x 10	LC44X1	45	1	Y
B	VPKJHACT	Metered						46		
C	VPKJHAUT	LED Light, Photocell						46		
D	VPKJHAWT	Metered, LED Light, Photocell						46		

Pad Mount, Galvanized Steel Post

Fig.	Model Number ¹	Options	Receptacles	Circuit Protection	Amps	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
A	VOKJHAAT	—	BR32UWR, BR54UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120	100	13.5 x 10	LC44X1	42	1	Y
B	VOKJHACT	Metered						43		
C	VOKJHAUT	LED Light, Photocell						43		
D	VOKJHAWT	Metered, LED Light, Photocell						43		

¹ See page 11-43 for dimensions.

Tan Stainless Steel Post

100 Amps, 120/240V

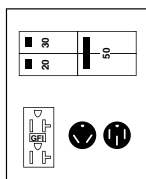


Fig. A
VNKJHAAT, VMKJHAAT
 BR32UWR, BR54UWR,
 5-20R2GFCIWR

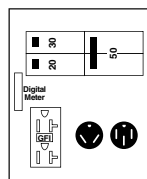


Fig. B
VNKJHACT, VMKJHACT
 BR32UWR, BR54UWR,
 5-20R2GFCIWR

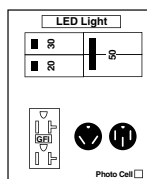


Fig. C
VNKJHAUT, VMKJHAUT
 BR32UWR, BR54UWR,
 5-20R2GFCIWR

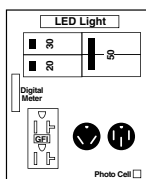


Fig. D
VNKJHAWT, VMKJHAWT
 BR32UWR, BR54UWR,
 5-20R2GFCIWR

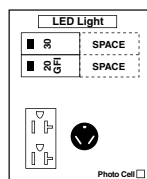


Fig. E
VMJZIAUT
 BR32UWR,
 5-20R2WR

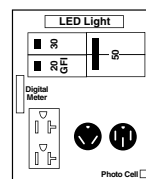


Fig. F
VMKJIAWT
 BR32UWR, BR54UWR,
 5-20R2WR

Earth Burial

Fig.	Model Number ¹	Options	Receptacles	Circuit Protection	Amps	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
A	VNKJHAAT	—	BR32UWR, BR54UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120	100	13.5 x 10	LC44X1	45	1	Y
B	VNKJHACT	Metered						46		
C	VNKJHAUT	LED Light, Photocell						46		
D	VNKJHAWT	Metered, LED Light, Photocell						46		

Pad Mount

Fig.	Model Number ¹	Options	Receptacles	Circuit Protection	Amps	Cabinet Size	Load Center	Unit Wt.	Std Pkg.	UL
A	VMKJHAAT	—	BR32UWR, BR54UWR, 5-20R2GFCIWR	THQL2150, THQL1130, THQL1120	100	13.5 x 10	LC44X1	42	1	Y
B	VMKJHACT	Metered						43		
C	VMKJHAUT	LED Light, Photocell						43		
D	VMKJHAWT	Metered, LED Light, Photocell						43		
E	VMJZIAUT	LED Light, Photocell	BR32UWR, 5-20R2WR	THQL1130, THQL1120GF, (2) Spaces THQL1120				43		
F	VMKJIAWT	Metered, LED Light, Photocell	BR32UWR, BR54UWR, 5-20R2WR	THQL2150, THQL1130, THQL1120GF				43		

¹ See page 11-43 for dimensions.

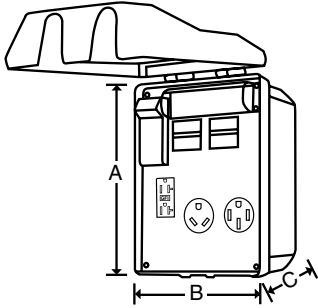
Note: Stainless steel is painted tan.

Data subject to change without notice.

Dimensions

ParkMate™

Head Only

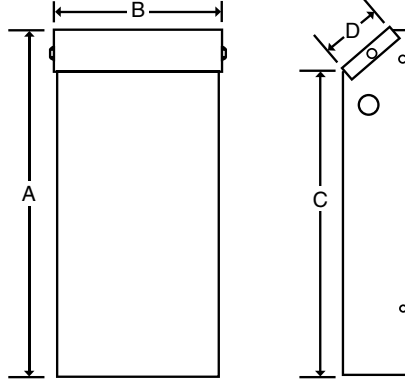


Key	Front
A	13-1/2"
B	10"
C	8"

Key	Back
A	12-1/8"
B	9-3/16"
C	8"

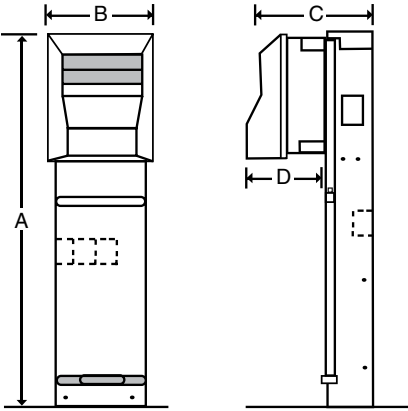
Water Shroud

UH90G / UH90GT



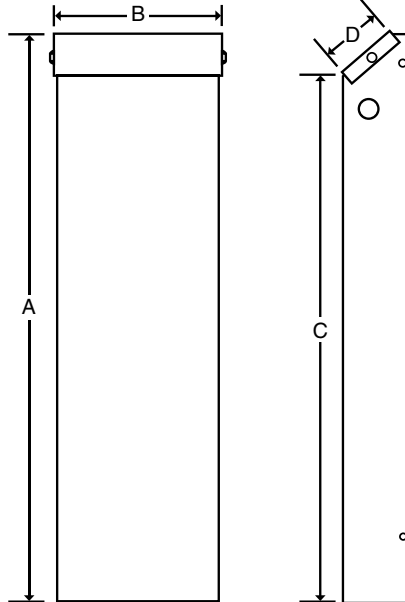
Key	Dimensions
A	15-1/4"
B	9-1/2"
C	13-1/4"
D	2-5/6"

Post (Earth Burial and Pad Mount)



Key	Dimensions
A	41-1/2"
B	10"
C	12-3/4"
D	8"

UH90STL

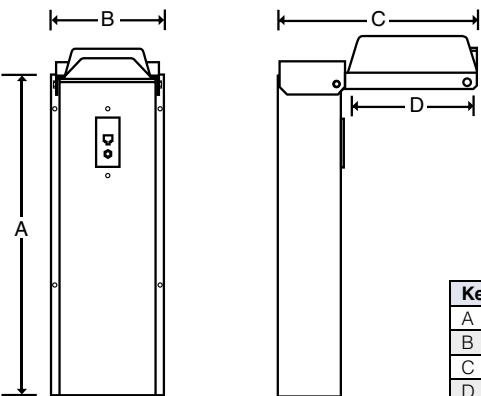


Key	Dimensions
A	27-1/4"
B	9-1/2"
C	25-1/4"
D	2-5/6"

Note: Stainless steel is painted tan.

TV/Telephone

TTV100T



Key	Dimensions
A	17-4/5"
B	6-1/5"
C	9-1/10"
D	6"

Wire Range Table

Connector	Head Only	Post	
		Earth Burial	Pad Mount
Line Lug	14-1/0	1-350 kcmil	
Neutral	14-1/0	1-350 kcmil	
Ground Lug	12-2	12-2	

Notes

Section 12

Terminal Boxes



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 or 400 volt single-phase and three-phase 600 volt ratings at 10kAIC 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

Installation Ease

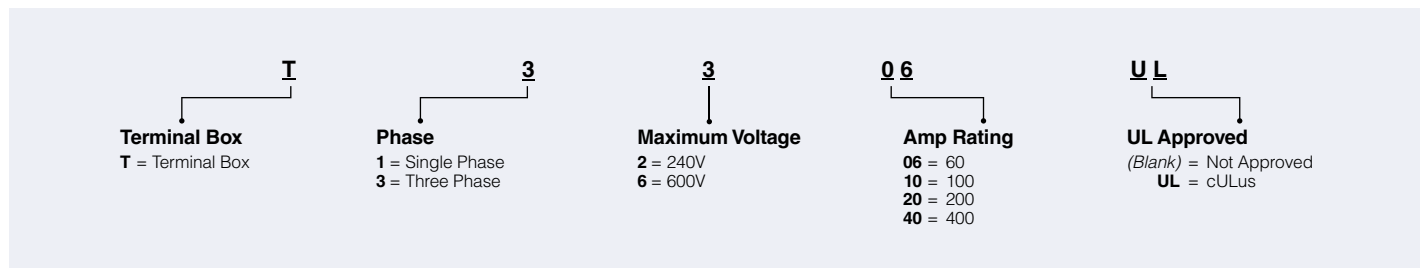
- Rated for indoor and outdoor installations (NEMA 1/3R)
- Factory installed terminal bars accept copper or aluminum wire
- Plenty of concentric knockouts to reduce installation time
- Doors feature stay-open position or remove entirely to simplify wiring
- Stationary mounted terminations simplify circuit tracing
- Rolled edge door for cord protection

Durable, Safe, Long-lasting Construction

- G90 galvanized steel construction for superior corrosion protection
- Durable polyester powder coat finish resists chipping and fading
- Padlock provision helps prevent unauthorized entry
- Insulated lugs comply with NEC 314.28 E(4)
- All components factory wired and assembled



Terminal Boxes



Data subject to change without notice.

Terminal Boxes

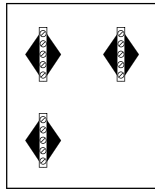


Fig. A
T1206, T1210, T1220

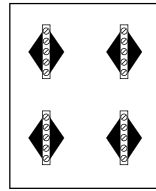


Fig. B
T3210, T3220,
T3610, T3620

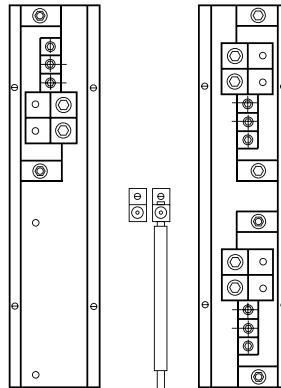


Fig. C
T1240UL

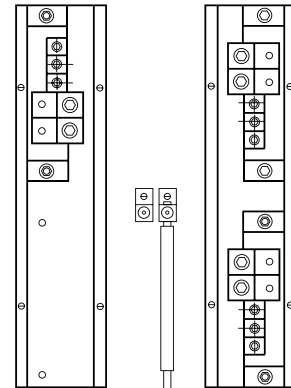


Fig. D
T3640UL

10kAIC, AC, 60 – 200 Amps, 240V Max

Fig.	Model Number	Wire Range	Phase	Amps	Cabinet Size	Hub Opening	Unit Wt.	Std Pkg.	UL
A	T1206	(4) 14-4	1	60	7 x 10	Y	6	4	Y ¹
A	T1210	(5) 14-1/0	1	100	9 x 17		11		
B	T3210	(5) 14-1/0	3	100	9 x 17		12		
A	T1220	(3) 1/0-250, (3) 12-1/0	1	200	14 x 21		19		
B	T3220	(3) 1/0-250, (3) 12-1/0	3	200	14 x 21		19		

¹ cULus approved.

10kAIC, AC, 400 Amps, 240V Max

Fig.	Model Number	Wire Range	Phase	Amps	Cabinet Size	Hub Opening	Unit Wt.	Std Pkg.	UL
C	T1240UL	(2) 2-600, (3) 6-350	1	400	16 x 29	Y ²	28	1	Y ¹

¹ cULus approved.

² Non-standard/Universal hub opening. Hub no longer furnished. Will accept U40 only – order separately. Consult Manufacturer.

10kAIC, AC, 100 – 400 Amps, 600V Max

Fig.	Model Number	Wire Range	Phase	Amps	Cabinet Size	Hub Opening	Unit Wt.	Std Pkg.	UL
B	T3610	(5) 14-1/0	3	100	9 x 17	Y	12	1	Y ¹
B	T3620	(3) 1/0-250, (3) 12-1/0		200	14 x 21		19		
D	T3640UL	(2) 2-600, (3) 6-350		400	16 x 29	Y ²	29		

¹ cULus approved.

² Non-standard/Universal hub opening. Hub no longer furnished. Will accept U40 only – order separately. Consult Manufacturer.

Technical Data

Model Number ¹	Replacement Parts Lug Assembly	Lug Cover Kit ³	Number of Bars	Lugs Per Bar	Cabinet Size	Cabinet Dimensions (inches)			Knockout Figure
						Height (A)	Width (B)	Depth (C)	
T1206	NI60B2	TBK100A	3	4	7 x 10	10	7-1/4	4	1
T1210	NI100B2	TBK100A	3	5	9 x 17	17-1/2	9-3/4	3-1/2	2
T1220	NI200	TBK200A	3	6	14 x 21	21-1/2	14-1/2	4-3/4	3
T1240UL	198B8615G1	TBK400A	3	5	16 x 29	29-1/2	16	5	4
T3210	NI100B2	TBK200A	4	5	9 x 17	17-1/2	9-3/4	3-1/2	2
T3220	NI200	TBK100B	4	6	14 x 21	21-1/2	14-1/2	4-3/4	3
T3610	NI100B2	TBK100B	4	5	9 x 17	17-1/2	9-3/4	3-1/2	2
T3620	NI200A5	TBK400A	4	6	14 x 21	21-1/2	14-1/2	4-3/4	3
T3640UL	198B8615G2	TBK400A	4	5	16 x 29	29-1/2	16	5	4

¹ All models include closure plate. Order conduit hub separately.

² Use large style universal hub.

³ Terminal boxes manufactured prior to 2013 can be retrofitted to comply with NEC 314.28 E(4). Order quantity (1) kit per terminal box.

Hubs (Order Separately)

Hub Opening (inches)	Midwest Hub Number	Universal Hub Number	
		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

Enclosure Styles / Cabinet Dimensions

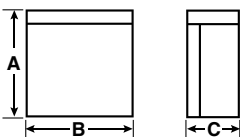


Fig. A

* See model specific dimensions in Technical Data table above.

Knockout Configurations

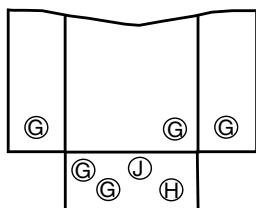


Fig. 1

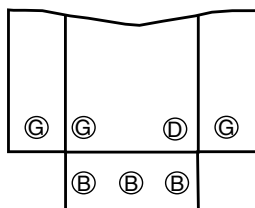


Fig. 2

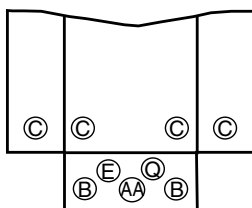


Fig. 3

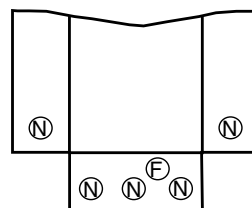


Fig. 4

Knockout Key

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

* Knockouts shown for size not for exact positions.

Data subject to change without notice.

Section 13

Parts/Accessories / Application Data



Residential Surge Protection Device

Model Number	Mount	Description	Dimensions (inches)		
			Height	Width	Depth
MEPSPD1	Flush, flange, through-hole	Indoor / Outdoor; 36 kA per phase; UL 1449 Listed; 10 kA I-nominal rating; 200 kA SCCR; meets NEC 2020	2-4/5	4-1/4	2-3/4



Temporary Adapters

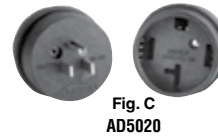
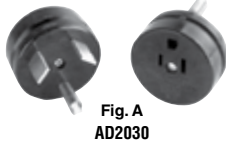






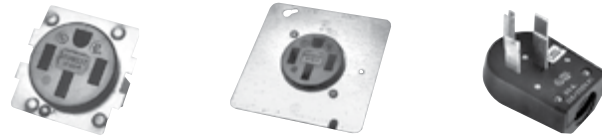


Fig.	Model Number	Description	Symbol	UL
A	AD2030	30 Amp / 125 Volt Plug; 15 Amp / 125 Volt Receptacle	 to 	N
B	AD3020	15 Amp / 125 Volt Plug; 30 Amp / 125 Volt Receptacle	 to 	
C	AD5020	15 Amp / 125 Volt Plug; 50 Amp / 125 Volt Receptacle	 to 	

Receptacles and Angle Plugs

Angle Plugs

- Plugs into receptacles at an angle for increased flexibility in limited space
- Molded of Zytel® Nylon – a rugged, impact resistant material



Wiring	Volts	Amps	NEMA Configuration	Model Number		
				Receptacles ²	Receptacles on Plates	Angle Plugs
2 Pole 3-Wire Grounding	125	20A	5-20R (w/ GFCI)	520R2GFI	—	—
		30A	TT-30R ¹	BR32U, BR32UWR ³	PR32U, PR32UWR ³	C32U
				R32U, R32UWR ^{3,4}	PR32U, PR32UWR ³	C32U
3 Pole 3-Wire	125/250	30A	10-30R	BR33	PR33	C33
		50A	10-50R	BR53	PR53	C53
3 Pole 4-Wire Grounding	125/250	30A	14-30R	BR34	PR34	C34
		50A	14-50R	BR54U, BR54UWR ³	PR54U, PR54UWR ³	C54U
				BR64U	PR64U	C64U
4 Pole 4-Wire	120/208	60A	18-60R	—	—	C54

¹ Travel Trailer use only.

² "BR" prefix models include base mount bracket - "R" prefix = panel mount.

³ Models shipped before December 2022 include non-WR receptacles.

⁴ Model number PR32UWR = previous model R32UWR.

Post Only (with cover)

Features

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

Model Number	Style	Terminal Assembly (factory installed)	Dimensions (inches)		
			Height	Width	Depth
P5POST	Pad Mount	LT200B350	59-1/2	9	4-1/2
P6POST	Earth Burial		83-1/2	9	4-1/2



Data subject to change without notice.

Post Kits

Fig.	Model Number	Style	Kit Components	Dimensions (inches)		
				Height	Width	Depth
A	EK126	Post Extension	(1) Post extension bracket, (2) 1/2" bolts, (2) 1/2" nuts, (4) 1/2" flatwashers	18	6	2
	EK129 ¹			18	9	2
B	MS62	Post Stake	(1) Post stake bracket, (2) 1/2" bolts, (2) 1/2" nuts, (4) 1/2" flatwashers	44	3	1

¹ Add "CW" for WEPCO approved model.



Fig. A
EK126, EK129



Fig. B
MS62

TV/Telephone Add-On

Features

- Bolts on to back of pad mount post, earth burial post or wall at ground level
- Open back and bottom for easy wiring access
- TV/Telephone receptacle may be field replaced with data (Cat5) or other similar feature receptacle
- Includes in use cover

Model Number	Components	Dimensions (inches)			UL
		Height	Width	Depth	
TTV001 ¹	Empty opening at 12" high	18	5	4-1/2	N
TTV001T ^{1,2}					
TTV100 ¹	RJ11 Phone Jack (12" high)				
TTV100T ^{1,2}					
TTV150 ¹	RJ45 Ethernet Connector (12" high)				
TTV150T ^{1,2}					

¹ Unit is non-NEMA.

² Unit is used with ParkMate models and tan in color.



Raintight (Bolt-on) Hub

Threaded

Hub Opening (inches)	Midwest Hub Number ^{1,4}	Universal Hub Number		Std. Pkg.
		Small ^{3,5}	Large ^{3,6}	
3/4	B07	—	—	10
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	1
3-1/2	—	—	U35	
4	—	—	U40	
Closure Plate ²	B01 ³	U01	U04	10

¹ Hub only, no mounting hardware provided except for model B01. Hardware recommended – N722EP16010B22 and HEX.SL W 10-32 X5/8.

² Closure Plate is standard with most Midwest products.

³ Mounting Hardware included.

⁴ Mounting hole distance: K = 2.625".

⁵ Mounting hole distance: K = 2.505".

⁶ Mounting hole distance: K = 4.0".



Data subject to change without notice.

Stabilizer Kits

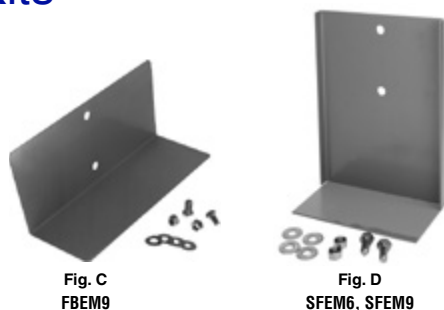


Fig.	Model Number	Style	Wire Install (direction)	Size (inches)
C	FBEM9	Stabilizer Base Kit (Earth Burial Installation)	Back Only	9
-	FBPM9	Padmount Footing Base Kit (Earth Burial Installation)	Back Only	9
D	SFEM6	Stabilizer Foot Kit	Side or Back	6
	SFEM9			9

Top Barrier Kit

Use with Surface Models

Model Number	Description	Size
MSB14T	Isolates load conductors in meter compartment	Fits 14 x 26 surface model



Equipment Ground Kit

Model Number	Wire Range (AWG/kcmil)
MGL1	(4) 14-8Cu/12-8AL (3) 14-4CU/6-4Al

Subfeed Lug Kits

Model Number	Wire Range (AWG/kcmil)
MHLK2125	125A 2 Pole Plug-in
MHLK2150	150A 2 Pole Plug-in
MHLK2200	200A 2 Pole Plug-in



MHLK2125

Sealing Ring

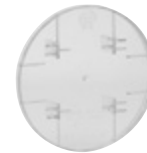
Use with Ring Type Meter Sockets

Model Number	Style	Type
ASR1	Screw	Aluminum
SNPR1	Snap on	



Meter Socket Cover Plate

Model Number	Style	Type
ARP00920MEP	Screw	Plastic



Circuit Breaker Filler Plates

Model Number	Size (inches)	Type
265A5003P1	1	Metal
265A5003P2	2	

Touch-Up Paint

Model Number	Sherwin-Williams Paint
UHT2-20011	Tan
UGT2-20015	Camo Green
PNS4-C0002	Bronze
PGT2-20042	Gray

* Owner is responsible for purchasing touch-up paint.

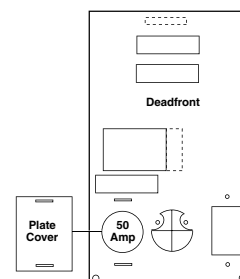
Terminal Kit

Model Number	Description
121	Tie Bar

Replacement Deadfront Kit

50 Amp Receptacle Lockout Panel

Model Number	Amps	Kit Components	Cut-out
PLK50	50	Replacement Deadfront and Plate Cover for all U075- or M075- series models	GFCI Duplex



Data subject to change without notice.

Water Shroud

Fig.	Model Number	Color	Description	Dimensions (inches)	
				Height	Width
A	UH60G	Gray	Adapts to 6" wide galvanized steel post	15-1/4	6-3/4
	UH90G	Gray	Adapts to 9" wide galvanized steel post	15-1/4	9-1/2
	UH90GT	Tan		15-1/4	9-1/2
	UH90STL	Tan ¹		27-1/4	9-1/2

¹Stainless steel is painted tan.



Fig. A
UH60G, UH90G, UH90GT, UH90STL

Water Shroud with TV/Telephone

Fig.	Model Number	Number of Receptacles	Color	Description	Dimensions (inches)	
					Height	Width
A	UH90GTTV1	1	Gray	Adapts to 9" wide galvanized steel post	15-1/4	9-1/2
B	UH90GTTV2	2				



Fig. A
UH90GTTV1



Fig. B
UH90GTTV2

3/4-Turn Hose Bib

Fig.	Model Number	Description	Dimensions (inches)	
			Height	Width
A	UWATER34	Turn knob	2.50	2.13
B	UWATER34L	Lever	2.58	3.87
C	UWATER34WN	Wing nut	2.58	3.87



Fig. A
UWATER34



Fig. B
UWATER34L



Fig. C
UWATER34WN

Meter Kits

Model Number	Description
S-02S-CA20023E	200 Amp Cyclometer California Type Approved Watthour Meter – 240V
S-02S-CA20023LCD	200 Amp Solid State California Type Approved Watthour Meter – 240V
4-GE-727X200001	200 Amp Solid State Watthour Meter – 1PH3W 240V
4-GE-727X100001	100 Amp Solid State Watthour Meter – 1PH2W 120V

Meter Kit Accessories

Model Number	Description
4-PK-BKIT-MIDWEST	BKIT-M = Consists of 4-MS-A4T100R1H1 + 4-MA-HUB1-M + 4-MA-NIP1 + 4-MA-PLSL + 1" Plug
4-MS-A4T100R1H1	SKT 4 Term 100A RND 1" 1 Hub
4-MA-HUB1-M	BKIT-M Meter Hub 1"
4-MA-NIP1	BKIT-M Meter Nippld 1"
4-MA-PLSL	BKIT-M Meter Seal Plastic Padlock

Emergency Service Disconnect Label Kit

Model Number	Description
MWLABLESDBP	Midwest Products Service Disconnect Label Kit – 10 pack



Data subject to change without notice.

Fuse Holder, Fuse Block, Fuse Block and Pullout 20 – 100 Amps



Fig. A
FH2
 14-20 Cu Only



Fig. B
FH1
 14-20 Cu Only



Fig. C
FH3
 14-10 Cu Only

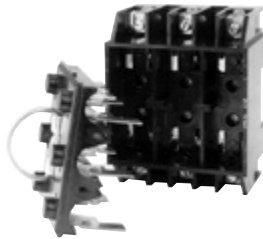


Fig. D
 265A6035G27, 265A6036G69

Fuse Holder

Fig.	Model Number	Amps	Wire Range	Description
A	FH2	20	14-10 Cu Only	—
B	FH1	30		
C	FH3	30		

Fuse Block and Pullout

Fig.	Model Number	Amps	Wire Range	Description
D	265A6035G27	30	—	Use for U0353F
D	265A6036G69	60		Use for U0653F

Pullout, Puller



Fig. A
FR352



Fig. B
FR352R



Fig. C
FH682



Fig. E
FR35
12-3



Fig. F
FR39, FR69
12-3

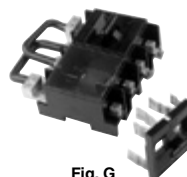


Fig. G
FR64X2
12-3



Fig. H
FR66
12-3



Fig. I
FR67
12-3



Fig. J
FR67X2
12-1/0

Pullout

Fig.	Model Number	Amps	Wire Range	Description
A	FR352	—	—	Use for P035F, FR35, FR39
B	FR352R			Use for U035F2
C	FH682			Use for FR69, FR67, FR66, FR67X2, FR64X2

Pullers

Fig.	Model Number	Amps	Wire Range	Description
E	FR35	30	12-3 Cu/Al	—
F	FR39	30		
G	FR64X2	60		
H	FR66	60		
I	FR67	60		
F	FR69	60		
J	FR67X2	100	12-1/0 Cu/Al	

Circuit Breakers



Figs. A – E
THQL115



Figs. K – O, S – U
THQL2120



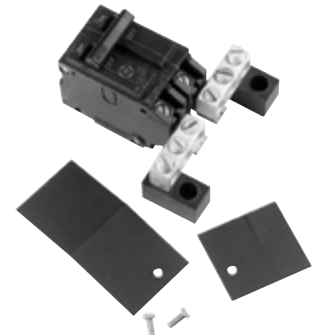
Fig. P
THQLT2020



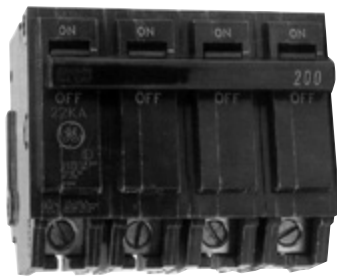
Figs. V – V2
CB2200B / TQDL or Equivalent



Figs. W – AC
THQL11156FT



Figs. KK
CBT2102



Figs. NN – OO
THQMV200WL



Figs. TT-WW
A2N

Circuit Breakers

10kAIC, 15 – 200 Amps, 120/240V

Fig.	Midwest Model Number ¹ (Midwest Circuit Breakers Will Become Obsolete)	1" Module	Wire Size (Cu/Al)	Model	Wire Size (Cu/Al)	Amps	Number of Poles	Circuit Breaker Description
Single Pole								
A	—	THQL1115	14-8 (Cu); 12-8 (Al)	—	—	15	1	Plug-In
F	—	—	—	—	14-8 (Cu); 12-8 (Al)	15		
B	—	THQL1120	14-8 (Cu); 12-8 (Al)	—	—	20		
G	—	—	—	—	14-8 (Cu); 12-8 (Al)	20		
C	—	THQL1130	14-8 (Cu); 12-8 (Al)	—	—	30		
D	—	THQL1140		—	—	40		
E	—	THQL1150		—	—	50		
Double Pole								
K	—	THQL2115	14-8 (Cu); 12-8 (Al)	—	—	15	2	Plug-In
L	—	THQL2120		—	—	20		
P	—	—	—	THQLT2020	14-8 (Cu); 12-8 (Al)	20		
M	—	THQL2130	14-8 (Cu); 12-8 (Al)	—	—	30		
Q	—	—	—	—	8-4 (Cu); 8-4 (Al)	30		
N	—	THQL2140	8-3 (Cu); 8-3 (Al)	—	—	40		
O	—	THQL2150		—	—	50		
R	—	—	—	—	8-4 (Cu); 8-4 (Al)	50		
S	—	THQL2160	8-3 (Cu); 8-3 (Al)	—	—	60		
T	—	THQL2170		—	—	70		
U	—	THQL21100	6-1/0 (Cu); 4-1/0 (Al)	—	—	100		
V	CB2150B	TQDL	—	Or Equivalent	—	150		
V2	CB2200B	TQDL			—	—			200
Single and Double Pole								
W	—	THQL1115GFT	14-8 (Cu); 12-8 (Al)	15	—	—	1	Ground Fault Circuit Interrupter
X	—	THQL1120GFT		20	—	—		
Y	—	THQL1130GFT		30	—	—		
Z	—	THQL2120GFT		20	—	—	2	
AA	—	THQL2130GFT		30	—	—		
AB	—	THQL2140GFT2		40	—	—		
AC	—	THQL2150GFT2		50	—	—		

¹ Phasing out Midwest circuit breakers. Use new model number. Except for CB2150B and CB2200B.
² Models ending in "T" (1/2" thinline breakers) not available for all load centers. Consult Manufacturer.

10kAIC, 100 – 225 Amps, 240V

Fig.	Midwest Model Number ¹ (Midwest Circuit Breakers Will Become Obsolete)	New Model Number		Amps	Number of Poles	Circuit Breaker Description
		1" Module	1/2" Module			
Special Purpose						
KK	CBT2100	—	—	100	2	Bolt-In for TC101
	CBT2102	—	—	100		Plug-In for 100 T Series
Lug Kit						
	CBA2A2200TT	—	—	200	2	2 Lug Kit TT
	CBA2A42150	—	—	150		4 Lug Kit
	CBA2A42200	—	—	200		4 Lug Kit

NOTE: Factory added modification parts to breakers, not available.
¹ Phasing out Midwest circuit breakers. Use new model number. Except for Special Purpose breakers.

22kAIC, 100 – 200 Amps, 240V

Fig.	Midwest Model Number ¹ (Midwest Circuit Breakers Will Become Obsolete)	New Model Number		Amps	Number of Poles	Circuit Breaker Description
		1" Module	1/2" Module			
Plug-In						
	—	THHQL21100	—	100	2	Plug-In
OO	—	THQMV150WL	—	150		
NN	—	THQMV200WL	—	200		
Bolt-On						
QQ	—	THQD22100WL	—	100	2	Bolt-On
SS	—	THQD22200WL	—	200		
Lug Kit						
TT	CBA2N22150	—	—	150	2	2 Lug Kit
UU	CBA2N42150	—	—	150		4 Lug Kit
VV	CBA2N22200	—	—	200		2 Lug Kit
WW	CBA2N42200	—	—	200		4 Lug Kit

¹ Phasing out Midwest circuit breakers. Use new model number.
Data subject to change without notice.

Load Center Interiors

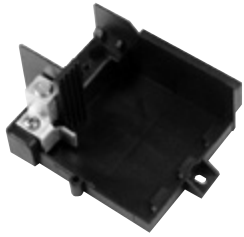


Fig. A
LC31X3



Fig. B
LC31N3

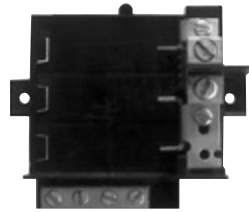


Fig. C
LC33N7

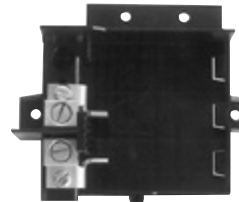


Fig. D
LC32X1

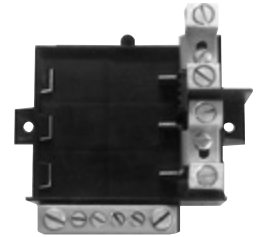


Fig. E
LC33N1



Fig. F
LC33N1T

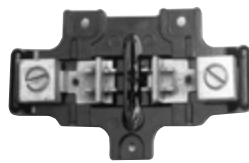


Fig. G
LC44X1

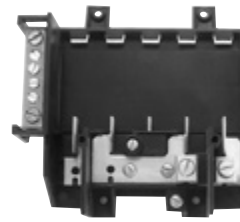


Fig. H
LC55N1



Fig. I
LC55N1T

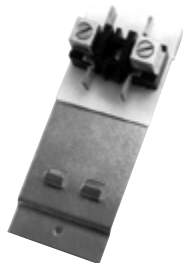


Fig. J
PC2LC

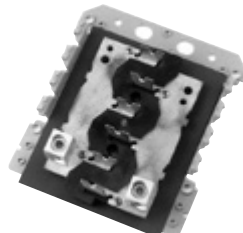


Fig. K
LC88PC

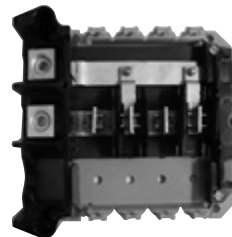


Fig. L
LC88X2

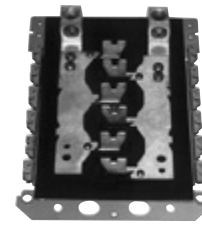


Fig. M
LC1212PC

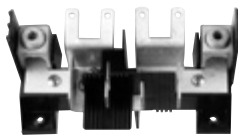


Fig. N
LCBS

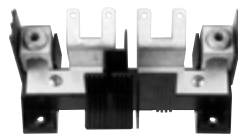


Fig. O
LCBNS



Fig. P
LCTL, LCTL2



Fig. Q
LCTNL, LCTNL2

Load Center Interiors

30 Amps, 120V

Fig.	Model Number	Circuits	Amps	Line Lug Size	Neutral Lug Size
A	LC31X3	1	30	#14-1/0 Cu/Al	None
B	LC31N3				(2) #12-2 Cu/Al

70 – 200 Amps, 120/240V

Fig.	Model Number	Circuits	Amps	Line Lug Size	Neutral Lug Size
C	LC33N7	3	70	#14-1/0 Cu/Al	(4) #14-2 Cu/Al
D	LC32X1	2	100	#14-1/0 Cu/Al	None
E	LC33N1	3	100	#14-1/0 Cu/Al	(2) #14-1/0, (2) #14-4 Cu/Al
F	LC33N1T	3	100	(2) #14-1/0 Cu/Al/Phase	(2) #14-1/0, (2) #14-4 Cu/Al
G	LC44X1	4	100	#14-1/0 Cu/Al	None
H	LC55N1	5	100	#14-1/0 Cu/Al	(2) #14-1/0, (2) #14-4 Cu/Al
I	LC55N1T	5	100	(2) #14-1/0 Cu/Al/Phase	(2) #14-1/0, (2) #14-4 Cu/Al
J	PC2LC	2	125	#6-2/0 Cu/Al	None
K	LC88PC	8	200	#6-250 kcmil	None
L	LC88X2	8	200	(2) #1-300 kcmil Cu/Al	None
M	LC1212PC	12	200	#6-250 kcmil	None
N	LCBS	4	200	#1-4/0	#1-4/0, #6-2/0, #14-4
O	LCBNS	1	200	#1-4/0	#1-4/0, #6-2/0, #14-4
P	LCTL, LCTL2 ¹	4	200	#1-4/0	#1-4/0, #6-2/0, #14-4
Q	LCTNL, LCTNL2 ¹	4	200	#1-4/0	#1-4/0, #6-2/0, #14-4

¹ LCTL2 and LCTNL2 models provided with bus bar mounting studs versus screw type beginning September 2022.

Lug Assemblies



Fig. A
NI60B2



Fig. B
NEU102



Fig. C
NEU100B2



Fig. D
NEU202



Fig. E
NI200



Fig. F
NI200A5



Fig. G
NEU407



Fig. H
NI400A1



Fig. I
GL3

Fig.	Part Number	Qty. and Lug Size
A	NI60B2	(4) #14-4 Cu/Al
B	NEU102	(5) #12-1/0 Cu/Al
C	NEU100B2	(5) #14-1/0 Cu/Al
D	NEU202	(2) #14-1/0 Cu/Al, (3) #6-250 kcmil Cu/Al
E	NI200	(3) 1/0-250 kcmil, (3) #12-1/0 Cu/Al
F	NI200A5	(3) 1/0-250 kcmil, (3) #12-1/0 Cu/Al
G	NEU407	(2) #14-1/0, (3) #2-600 kcmil
H	NI400A1	(2) 1/0-600 kcmil, (3) 1/0-250 kcmil Cu/Al
I	GL3	(2) #12-2 Cu/Al

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

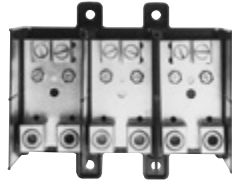


Fig. A
LT100B250

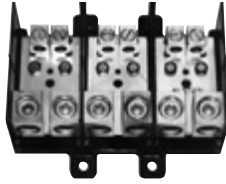


Fig. B
LT100B350

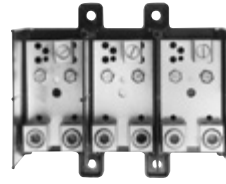


Fig. C
LT100S250

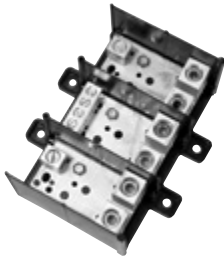


Fig. D
LT100S300

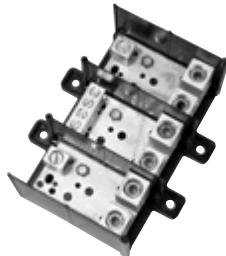


Fig. E
LT100S350

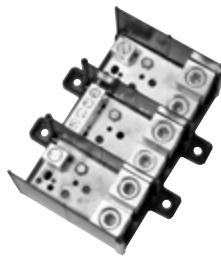


Fig. F
LT200B350

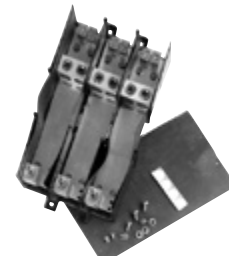


Fig. G
LT200B350RF

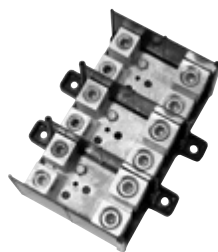


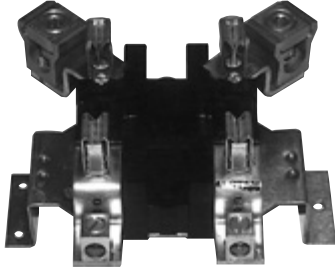
Fig. H
LT200S350



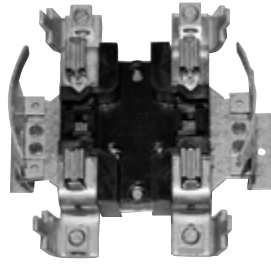
Fig. I
LT200SS

Fig.	Part Number	Load Amps	Load Lugs (Copper/Aluminum)	Line Amps	Line Lugs (Copper/Aluminum)
A	LT100B250	100	(2) #14-1/0 per Phase	200	(2) #1-300 kcmil per Phase
B	LT100B350		(2) #14-1/0 per Phase		(2) #6-350 kcmil per Phase
C	LT100S250		(1) #14-1/0 per Phase		(2) #1-300 kcmil per Phase
D	LT100S300		(2) #14-1/0, (4) #14-4		(6) #1-300 kcmil
E	LT100S350		(2) #14-1/0 CU, (4) #14-4		(6) #1-350 kcmil
F	LT200B350	200	(2) #2-250 kcmil per Phase		(2) #6-350 kcmil per Phase
G	LT200B350RF		(2) #14-1/0 per Phase		(3) #6-300 kcmil per Phase (Radial feed may go two different ways in row site)
H	LT200S350		(1) #2-250 kcmil per Phase		(2) #6-350 kcmil per Phase
I	LT200SS		(2) #2-250 kcmil per Phase		3/8" –16 Double Stud per Phase

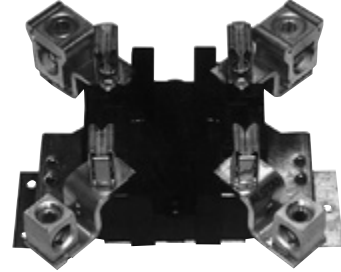
Meter Bases



MSM100930



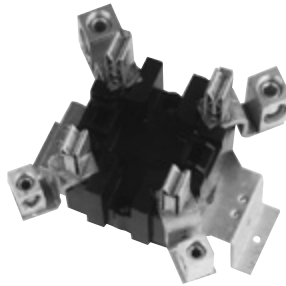
MSR100P9



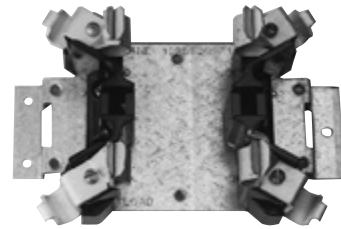
MSM20014



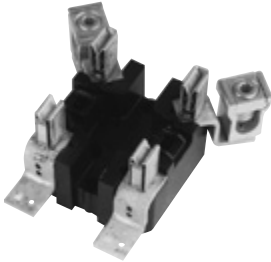
MW200R



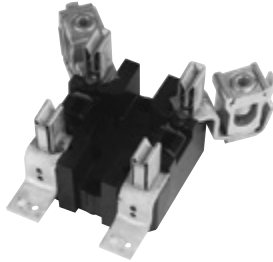
MW200M



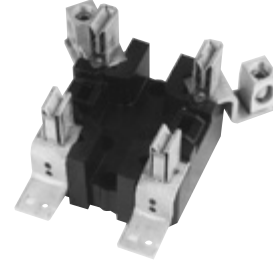
MS1S



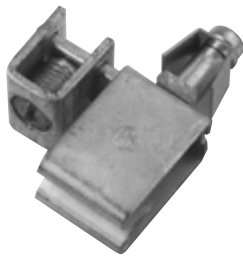
MSMS



MSRS



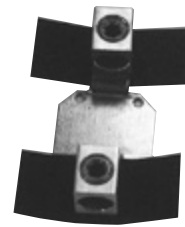
MSMP



MS5 (5TH JAW)



MSBN1A



MSBN4

Meter Bases

Meter Sockets Manufactured after February 1995, 100 Amps

Replacement Model Number	Type	Rating	Lug Style	Line Lug Wire Range	Optional Neutral Kit	Description
MSM100EZ	Ring Type	100	Lay In	6-350 kcmil	À	EZ-Site Underground Surface Panels
MSR100EZ	Ringless				À	EZ-Site Underground Surface Panels
MSM100930 ¹	Ring Type				MSBN4	9" x 30" Surface Panels
MSR100930	Ringless				MSBN4	9" x 30" Surface Panels
MSM100P9 ¹	Ring Type				MSBN4	9PT Single Sided Post
MSR100P9	Ringless				MSBN4	9PT Single Sided Post
MSM10014	Ring Type				MSBN4	11" Wide and 14" wide Surface Panels

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

¹ Midwest Electric manufactured meter socket only.

Meter Socket Manufactured between 1984 and February 1995, 100 Amps

Replacement Model Number	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						Surface Mount, Rear Socket on Posts

¹ Midwest Electric manufactured meter socket only.

Meter Socket Manufactured after 1984, 200 Amp

Replacement Model Number	Type	Rating	Lug Style	Line Lug Wire Range	Optional Neutral Kit	Description
MSM20014 ¹	Ring Type	200	Lay In	6-350 kcmil	MSBN4	14" wide Surface Panels
MW200M ¹	Ring Type		Box Style	1/0-350 kcmil	MSBN4	All Other Panels and Post Units
MW200R ¹	Ringless		Box Style	1/0-350 kcmil	MSBN4	All Other Panels and Post Units
MSMS ¹	Ring Type		Lay In	—	—	28" and 18" Series Service End Surface Mount
MSRS ¹	Ringless		Lay In	—	—	28" and 18" Series Service End Surface Mount
MSMP ¹	Ring Type		Box Style	—	—	28" and 18" Series Service End Posts
265A5264P8	Ringless	200/320 ²	Lay In	6-350 kcmil	Comes with 5th Jaw Neutral	14" Lever Bypass Series SE Surface/Pedestal

¹ Midwest Electric manufactured meter socket only.

² 320 Amp rated for bypass.

Lever Bypass Meter Socket, 400 Amp

Replacement Model Number	Type	Rating	Lug Style	Line Lug Wire Range	Optional Neutral Kit	Description
265A5264P10	Ringless	400/320 ²	Double Box Style	6-350 kcmil	—	14" Lever Bypass Series SE Surface/Pedestal

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

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.

System Voltage	NEMA	Straight Blade				NEMA	Locking Blade		
		20 Amps	30 Amps	50 Amps	60 Amps		20 Amps	30 Amps	
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
	277VAC	7	7-20R	7-30R	7-50R	—	L-7	L7-20R	L7-30R
	480VAC	8	Reserved for Future Configurations				L-8	L8-20R	L8-30R
	600VAC	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
	3Ø 250V	11	11-20R	11-30R	11-50R	—	L-11	L11-20R	L11-30R
	3Ø 480V	12	Reserved for Future Configurations				L-12	L12-20R	L12-30R
	3Ø 600V	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
	3Ø 250V	15	15-20R	15-30R	15-50R	15-60R	L-15	L15-20R	L15-30R
	3Ø 480V	16	Reserved for Future Configurations				L-16	L16-20R	L16-30R
	3Ø 600V	17	Reserved for Future Configurations				L-17	—	L17-30R
4 Pole, 4 Wire	3Ø 120/208V	18	18-20R	18-30R	18-50R	18-60R, R-54	L-18	L18-20R	L18-30R

Other Receptacle Configurations

Configuration	Amps	Volts	Description
	20	125/250	7310
	30	125	TT-30R – 2 pole, 3 wire
	50	125/250	L6-50R (63CM69) Twist Lock – 2 pole, 3 wire
	50	125	L5-50R (63CM70) Twist Lock – 3 pole, 4 wire

Data subject to change without notice.

Section 13 – 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).

Temperature Rating of Conductor								
Size	Copper			Aluminum or Copper-Clad Aluminum			Size	
AWG kcmil	Types							AWG kcmil
	TW=, UF=	FEPW=, RH=, RHW=, THHW=, THW=, THWN=, XHHW=, USE=, ZW=	TBS, SA, SIS, FEP=, FEPB=, MI, RHH=, RHW-2, THHN=, THHW=, THW-2=, THWN-2=, USE-2, XHH, XHHW=, XHHW-2, ZW-2	TW=, UF=	RH=, RHW=, THHW=, THW=, THWN=, XHHW=, USE=	TBS, SA, SIS, THHN=, THHW=, THW-2, THWN-2, RHH=, RHW-2, RHH=, RHW-2, USE-2, XHH, XHHW, XHHW-2, ZW-2		
	60°C (140°F)	75°C (167°F)	90°C (194°F)	60°C (140°F)	75°C (167°F)	90°C (194°F)		
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

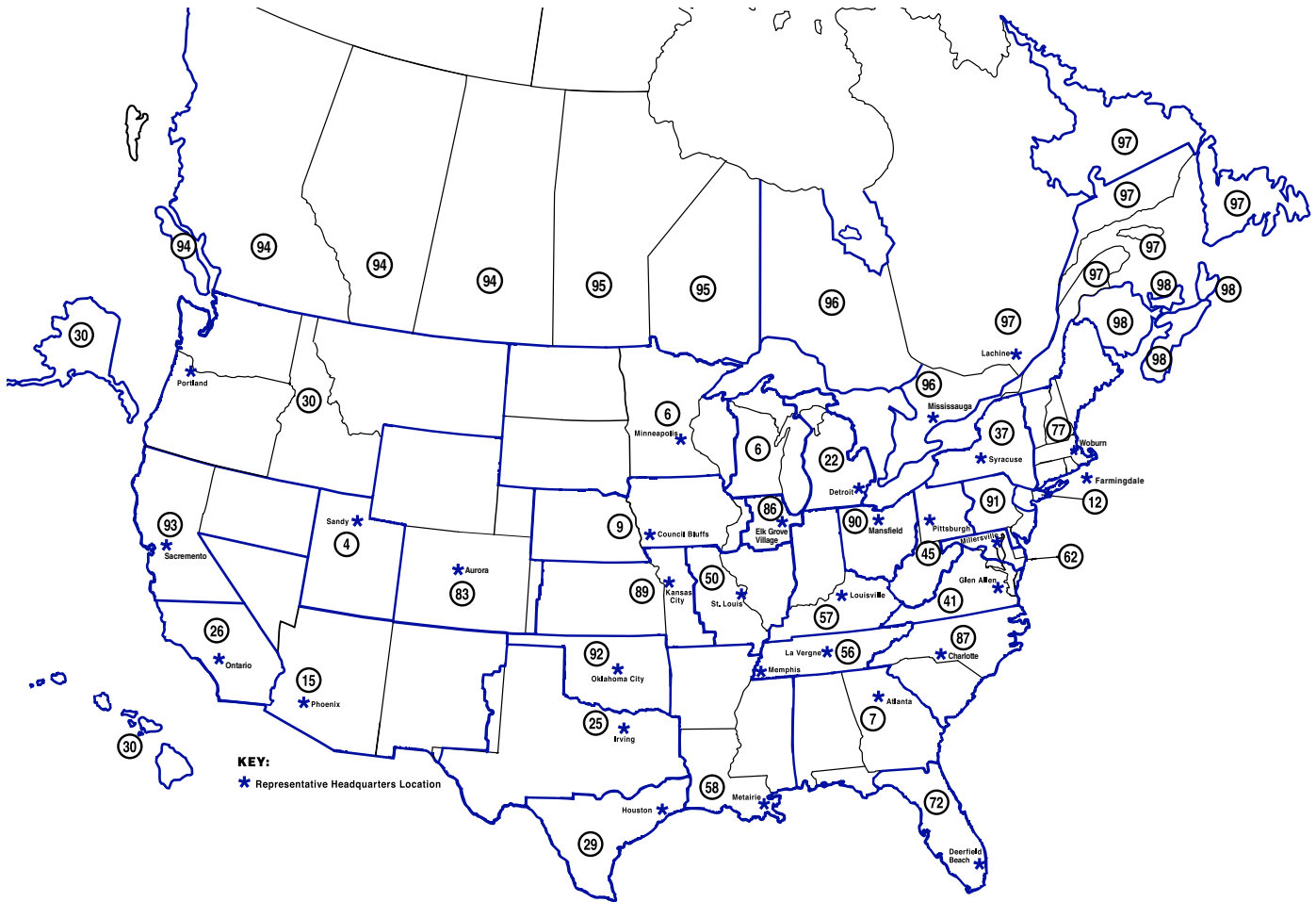
Approximate Voltage Drop (Copper Conductor)

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
1/0	.0269	.0231
2/0	.0222	.0196
3/0	.0190	.0163
4/0	.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

= 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.

Data subject to change without notice.

Authorized Manufacturer's Sales Representatives



KEY:
 * Representative Headquarters Location

Authorized Reps

- | | | |
|---|---|---|
| <p>4 MBT Group
 Sandy, UT 84070
 Phone: (801) 979-3665
 www.mbt-group.com</p> | <p>9 Bixler Marketing Group
 Council Bluffs, IA 51501
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 www.bixlermarketing.com</p> | <p>22 Deperro / Team Diversified
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 (800) 875-9120
 Fax: (313) 872-5544</p> |
| <p>6 Lesco, Inc.
 Minneapolis, MN 55427
 Phone: (763) 542-8242
 Fax: (763) 542-9309
 www.lesco-inc.com</p> | <p>12 Gumersell Cashdan, Inc.
 Farmingdale, NY 11735
 Phone: (631) 752-9440
 Fax: (631) 752-9415
 www.gumcash.com</p> | <p>25 Electra Sales of N. Texas
 Irving, TX 75061
 Phone: (972) 554-8200
 Fax: (972) 554-7861
 www.electrasales.net</p> |
| <p>7 Bishop & Brogdon
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 (800) 241-2963
 Fax: (404) 344-3696</p> | <p>15 Desert States Electrical Sales
 Phoenix, AZ 85040
 Phone: (602) 268-7008
 Fax: (602) 268-7125
 www.desertstates.com</p> | <p>26 Blanchard Associates
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 Fax: 909-974-0117
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Section 14 – Authorized Reps

- 29 **E-Tel**
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- 30 **Robert A. Amey Company**
Portland, OR 97229
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Fax: (503) 626-8569
www.ameyco.com
- 37 **VERTEX Solutions**
Syracuse, NY 13211
Phone: (866) 852-7378
Fax: (585) 277-1786
www.vertex-ny.com/contact.php
- 41 **L.W. French, Inc.**
Glen Allen, VA 23060
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Fax: (804) 270-0885
www.lwfrench.com
- 45 **Gemco Sales, Inc.**
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- 50 **Vector Electrical Sales**
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- 56 **John Moore & Associates**
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Fax: (615) 287-0662
www.jmaone.com

Memphis, TN 38114
Phone: (901) 948-0193
Fax: (901) 948-0194
- 57 **Summit Sales & Marketing**
Louisville, KY 40217
Phone: (502) 636-3339
Fax: (502) 636-2575
www.summitsales-mkt.com
- 58 **Burrus & Matthews, Inc.**
Metairie, LA 70002
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(800) 535-7619
Fax: (504) 835-7853
www.b-m.com
- 62 **O.T. Hall & Son, Inc.**
Millersville, MD 21108
Phone: (410) 987-5990
(888) 621-7435
Fax: (410) 987-9691
www.othall.com
- 72 **Metra Associates, Inc.**
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(800) 201-3465
Fax: (954) 428-4455
www.metra-assoc.com
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- 83 **EAC/TSC**
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Fax: (303) 344-8580
- 86 **Lake Michigan Sales, LLC**
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Fax: (847) 307-8975
www.lakemichigansales.com
- 87 **Robert W. Chapman Company**
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www.rwchapman.com
- 89 **Convergence**
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- 90 **Gobeille-Robinson & Associates, Inc.**
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- 91 **Cusick Electrical Sales**
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www.cusicksales.com
- 92 **Windshine LLC**
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- 93 **Empire Electric Sales**
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