

Section 14

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

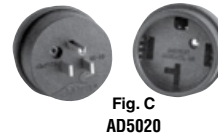








Fig.	Model Number	Description	Symbol	UL
A	AD2030	30 Amp / 125 Volt Plug; 15 Amp / 125 Volt Receptacle	 to 	N
B	AD3020	15 Amp / 125 Volt Plug; 30 Amp / 125 Volt Receptacle	 to 	
C	AD5020	15 Amp / 125 Volt Plug; 50 Amp / 125 Volt Receptacle	 to 	

## 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 <sup>2</sup>	Receptacles on Plates	Angle Plugs
2 Pole 3-Wire Grounding	125	20A	5-20R (w/ GFCI)	520R2GFI	—	—
		30A	TT-30R <sup>1</sup>	BR32U, BR32UWR <sup>3</sup>	PR32U, PR32UWR <sup>3</sup>	C32U
				R32U, R32UWR <sup>3</sup>	PR32U, PR32UWR <sup>3</sup>	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 <sup>3</sup>	PR54U, PR54UWR <sup>3</sup>	C54U
		60A	14-60R	BR64U	PR64U	C64U
4 Pole 4-Wire	120/208	60A	18-60R	—	—	C54

<sup>1</sup> Travel Trailer use only.

<sup>2</sup> "BR" prefix models include base mount bracket - "R" prefix = panel mount.

<sup>3</sup> Models shipped before May 2022 include non-WR receptacles.

## 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 <sup>1</sup>			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

<sup>1</sup> Add "CW" for WEPCO approved model.

## 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 <sup>1</sup>	Empty opening at 12" high	18	5	4-1/2	N
TTV001T <sup>1,2</sup>					
TTV100 <sup>1</sup>	RJ11 Phone Jack (12" high)				
TTV100T <sup>1,2</sup>					
TTV150 <sup>1</sup>	RJ45 Ethernet Connector (12" high)				
TTV150T <sup>1,2</sup>					

<sup>1</sup> Unit is non-NEMA.

<sup>2</sup> Unit is used with ParkMate models and tan in color.

Data subject to change without notice.

## Raintight (Bolt-on) Hub



### Threaded

Hub Opening (inches)	Midwest Hub Number <sup>1</sup>	Universal Hub Number <sup>1</sup>		Std. Pkg.
		Small	Large	
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 <sup>2</sup>	B01 <sup>3</sup>	U01 <sup>3</sup>	U04 <sup>3</sup>	10

<sup>1</sup> Hub only, no mounting hardware provided except for models B01, U01 and U04.

Hardware recommended – N722EP16010B22 and HEX.SL W 10-32 X5/8.

<sup>2</sup> Closure Plate is standard with most Midwest products.

<sup>3</sup> Mounting Hardware included.

## Stabilizer Kits

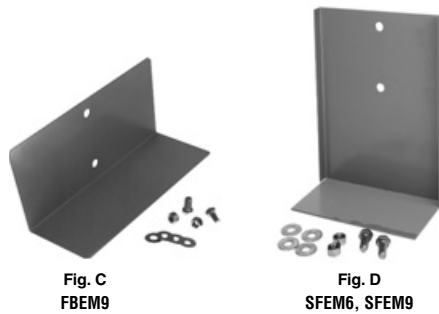


Fig. C  
FBEM9

Fig. D  
SFEM6, SFEM9

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

## Sealing Ring

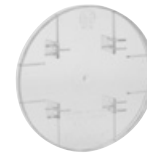
Use with Ring Type Meter Sockets

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.

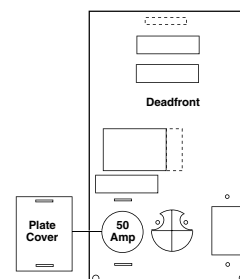
## Terminal Kit

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	Stainless		27-1/4	9-1/2



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

Data subject to change without notice.

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



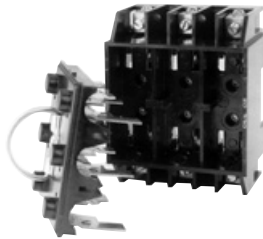
**Fig. A**  
**FH2**  
 14-20 Cu Only



**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. F – E  
THQP115



Figs. K – O, S – U  
THQL2120



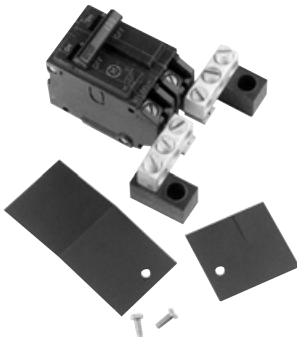
Figs. P – R  
THQP220



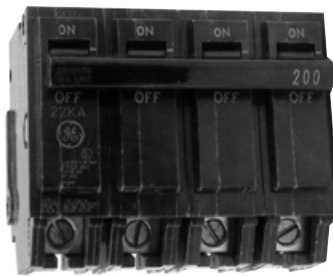
Figs. V – V2  
CB2200B / TQDL or Equivalent



Figs. W – AC  
THQL1115GFT



Figs. KK  
CBT2102



Figs. NN – OO  
THQMV200WL



Figs. TT-WW  
A2N

# Circuit Breakers

## 10kAIC, 15 – 200 Amps, 120/240V

Fig.	Midwest Model Number <sup>1</sup> (Midwest Circuit Breakers Will Become Obsolete)	1" Module	Wire Size (Cu/Al)	1/2" Module	Wire Size (Cu/Al)	Amps	Number of Poles	Circuit Breaker Description
<b>Single Pole</b>								
A	—	THQL115	14-8 (Cu); 12-8 (Al)	—	—	15	1	Plug-In
F	—	—	—	THQP115	14-8 (Cu); 12-8 (Al)	15		
B	—	THQL1120	14-8 (Cu); 12-8 (Al)	—	—	20		
G	—	—	—	THQP120	14-8 (Cu); 12-8 (Al)	20		
C	—	THQL1130	14-8 (Cu); 12-8 (Al)	—	—	30		
D	—	THQL1140		—	—	40		
E	—	THQL1150		—	—	50		
<b>Double Pole</b>								
K	—	THQL2115	14-8 (Cu); 12-8 (Al)	—	—	15	2	Plug-In
L	—	THQL2120	—	—	—	20		
P	—	—	—	THQP220	14-8 (Cu); 12-8 (Al)	20		
M	—	THQL2130	14-8 (Cu); 12-8 (Al)	—	—	30		
Q	—	—	—	THQP230	8-4 (Cu); 8-4 (Al)	30		
N	—	THQL2140	8-3 (Cu); 8-3 (Al)	—	—	40		
O	—	THQL2150		—	—	50		
R	—	—	—	THQP250	8-4 (Cu); 8-4 (Al)	50		
S	—	THQL2160	8-3 (Cu); 8-3 (Al)	—	—	60		
T	—	THQL2170		—	—	70		
U	—	THQL21100		—	—	100		
V	CB2150B	TQDL		—	Or Equivalent	—		
V2	CB2200B	TQDL	—	—	—	200		
<b>Single and Double Pole</b>								
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	—	THQL2140GFT		40	—	—		
AC	—	THQL2150GFT		50	—	—		

<sup>1</sup> Phasing out Midwest circuit breakers. Use new model number. Except for CB2150B and CB2200B.  
<sup>2</sup> 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 <sup>1</sup> (Midwest Circuit Breakers Will Become Obsolete)	New Model Number		Amps	Number of Poles	Circuit Breaker Description
		1" Module	1/2" Module			
<b>Special Purpose</b>						
KK	CBT2100	—	—	100	2	Bolt-In for TC101
	CBT2102	—	—	100		Plug-In for 100 T Series
<b>Lug Kit</b>						
	CBA2A2200TT	—	—	100	2	2 Lug Kit TT
	CBA2A42200	—	—	100		4 Lug Kit
	CBA2A42150	—	—	150		4 Lug Kit

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

## 22kAIC, 100 – 200 Amps, 240V

Fig.	Midwest Model Number <sup>1</sup> (Midwest Circuit Breakers Will Become Obsolete)	New Model Number		Amps	Number of Poles	Circuit Breaker Description
		1" Module	1/2" Module			
<b>Plug-In</b>						
	—	THHQL21100	—	100	2	Plug-In
OO	—	THQMV150WL	—	150		
NN	—	THQMV200WL	—	200		
<b>Bolt-On</b>						
QQ	—	THQD22100WL	—	100	2	Bolt-On
SS	—	THQD22200WL	—	200		
<b>Lug Kit</b>						
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

<sup>1</sup> Phasing out Midwest circuit breakers. Use new model number.  
**Data subject to change without notice.**

Parts/Accessories

## Load Center Interiors



Fig. A  
LC31X3



Fig. B  
LC31N3

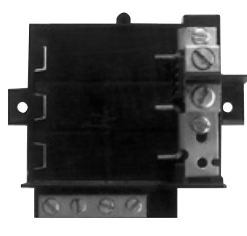


Fig. C  
LC33N7

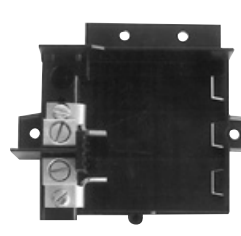


Fig. D  
LC32X1

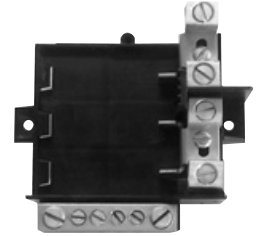


Fig. E  
LC33N1

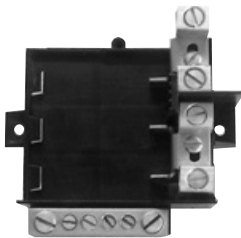


Fig. F  
LC33N1T

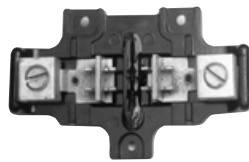


Fig. G  
LC44X1

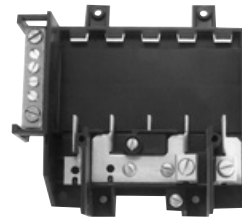


Fig. H  
LC55N1

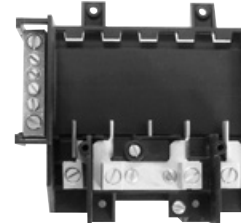


Fig. I  
LC55N1T

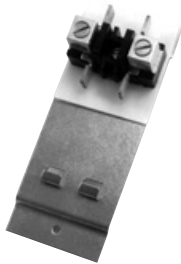


Fig. J  
PC2LC

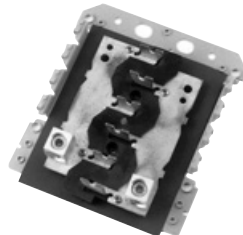


Fig. K  
LC88PC



Fig. L  
LC88X2

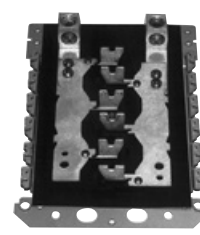


Fig. M  
LC1212PC

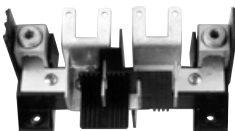


Fig. N  
LCBS

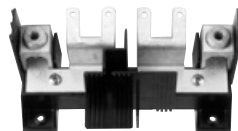


Fig. O  
LCBNS



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 <sup>1</sup>	4	200	#1-4/0	#1-4/0, #6-2/0, #14-4
Q	LCTNL, LCTNL2 <sup>1</sup>	4	200	#1-4/0	#1-4/0, #6-2/0, #14-4

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

## Lug Assemblies



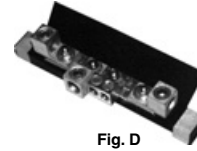
**Fig. A**  
**NI60B2**



**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

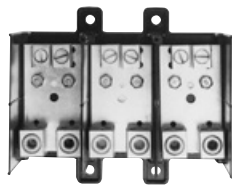


Fig. A  
LT100B250

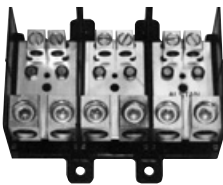


Fig. B  
LT100B350

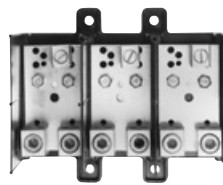


Fig. C  
LT100S250

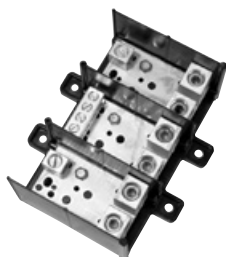


Fig. D  
LT100S300

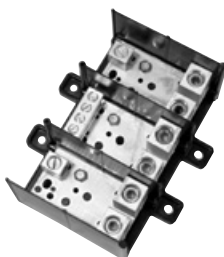


Fig. E  
LT100S350

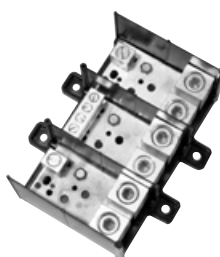


Fig. F  
LT200B350

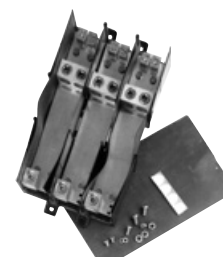


Fig. G  
LT200B350RF

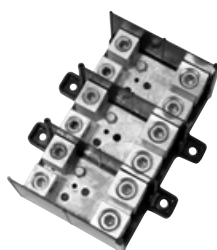


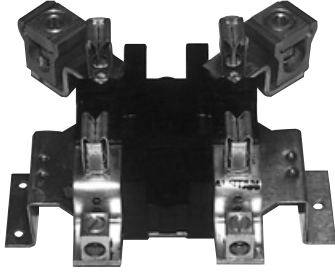
Fig. H  
LT200S350



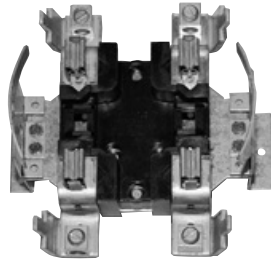
Fig. I  
LT200SS

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

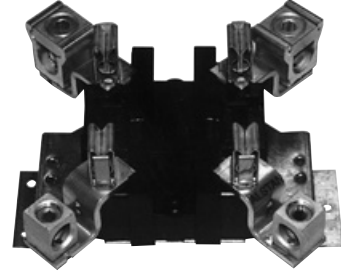
## Meter Bases



MSM100930



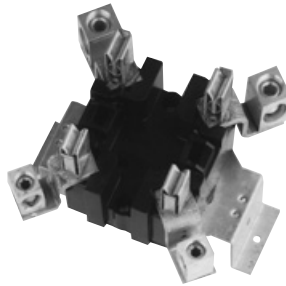
MSR100P9



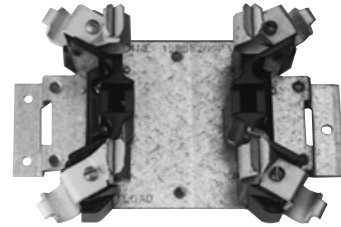
MSM20014



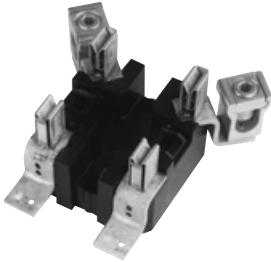
MW200R



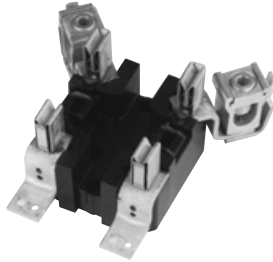
MW200M



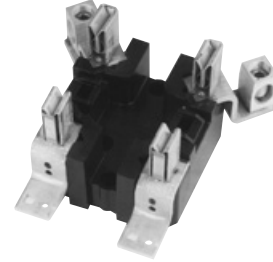
MS1S



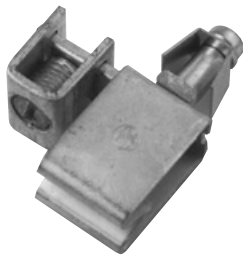
MSMS



MSRS



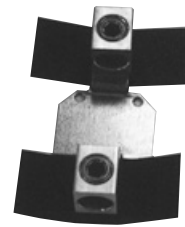
MSMP



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 <sup>1</sup>	Ring Type				MSBN4	9" x 30" Surface Panels
MSR100930	Ringless				MSBN4	9" x 30" Surface Panels
MSM100P9 <sup>1</sup>	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

<sup>1</sup> 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 <sup>1</sup>						Surface Mount, Rear Socket on Posts

<sup>1</sup> 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 <sup>1</sup>	Ring Type	200	Lay In	6-350 kcmil	MSBN4	14" wide Surface Panels
MW200M <sup>1</sup>	Ring Type		Box Style	1/0-350 kcmil	MSBN4	All Other Panels and Post Units
MW200R <sup>1</sup>	Ringless		Box Style	1/0-350 kcmil	MSBN4	All Other Panels and Post Units
MSMS <sup>1</sup>	Ring Type		Lay In	—	—	28" and 18" Series Service End Surface Mount
MSRS <sup>1</sup>	Ringless		Lay In	—	—	28" and 18" Series Service End Surface Mount
MSMP <sup>1</sup>	Ring Type		Box Style	—	—	28" and 18" Series Service End Posts
265A5264P8	Ringless	200/320 <sup>2</sup>	Lay In	6-350 kcmil	Comes with 5th Jaw Neutral	14" Lever Bypass Series SE Surface/Pedestal

<sup>1</sup> Midwest Electric manufactured meter socket only.

<sup>2</sup> 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 <sup>2</sup>	Double Box Style	6-350 kcmil	—	14" Lever Bypass Series SE Surface/Pedestal

<sup>1</sup> 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 14 – 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

Data subject to change without notice.

= 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.