

TEMPORARY ADAPTERS (Not UL listed)

AD 20 30 15 AMP., 125 VOLT 30 AMP., 125 VOLT 10 PK. ONLY	AD 30 20 30 AMP., 125 VOLT 15 AMP., 125 VOLT 10 PK. ONLY	AD 50 20 50 AMP., 125/250 VOLT 15 AMP., 125 V. 10 PK. ONLY
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RECEPTACLES AND ANGLE PLUGS

Angle Plugs

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

Receptacles

Angle Plugs

Receptacles on Plates

 BR54U	 C54U	 PR54U
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NEMA CONFIGURATIONS	AMP.	VOLTAGE	MODEL NUMBER	MODEL NUMBER	MODEL NUMBER
5-20 R	20	125	5-20R2 DUPLEX (See Below)	—	—
ANSI C73 13-1972 R-32-U 30 AMP. 125 VOLT (Travel Trailer Use Only)	30	125	BR32U¹ R32U²	C32U	PR32U
10-30R	30	125/250	BR33¹	C33	PR33
14-30R	30	125/250	BR34¹	C34	PR34
10-50R	50	125/250	BR53¹	C53	PR53
14-50R	50	125/250	BR54U¹	C54U	PR54U
18-60R	60	120/208	---	C54	---
14-60R	60	125/250	BR64U¹	C64U	PR64U

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

²Bracket not included. Mounts directly on dead front.

 520R2	 520R2GFI (No Leads)
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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	DESCRIPTION	DIMENSIONS			FACTORY INSTALLED TERMINAL ASSEMBLY	STD. PKG
		W	H	D		
P5 POST	Pad Mount	9	59-1/2	4-1/2	LT200B350	1
P6 POST	Earth Burial	9	83-1/2	4-1/2	LT200B350	1

Post Extensions



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

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

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

*Add "CW" for WEPCO Approved Model

Post Stake



MS62

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

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

Top Barrier Kit



MSB 14T

Top Barrier for 14 x 26 surface models.
 Isolates load conductors in meter com-
 partment

Stabilizer Base & Stabilizer Foot Kit



FBEM9

FBEM9

Earth Burial Installation
 - wire from back only

SFEM6

6" Stabilizer Foot Kit

SFEM9

9" Stabilizer Foot Kit

- wire from side or back

SFEM9



Sealing Ring (Aluminum)



ASR1

Screw Style Sealing Ring for Ring-Type
 Meter Sockets

SNPR1

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

Tie Bars



121



131

Bolt-On Hub (threaded)



(Standard Pkg Qty in 10 pcs.)

Closure plate is standard with most
 Midwest products.

Order appropriate hub from chart below.

HUB SIZE	MODEL NUMBER	
	MIDWEST HUB	UNIVERSAL HUB
3/4"	B07	—
1"	B10	U10
1-1/4"	B12	U12
1-1/2"	B15	U15
2"	B20	U20
2-1/2"	B25	U25
3"	—	U30
3-1/2"	—	U35
4"	—	U40
CLOSURE PLATE – SM	B01	U01
CLOSURE PLATE – LG	—	U04

*For replacement closure plates, order B01, U01, or U04 as appropriate.

Circuit Breaker Filler Plates

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

Touch-Up Paint

Textured Paint

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

Glossy Paint

PBLUE	Blue
PGRAY61	Gray
PTAN	Tan
PWHITE	White

TV/Telephone Add-On



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

- 5" x 18"

- Unit is non-NEMA and non-UL

- RJ11 Phone Jack; height 12 inches

- will mount on pad or direct burial post

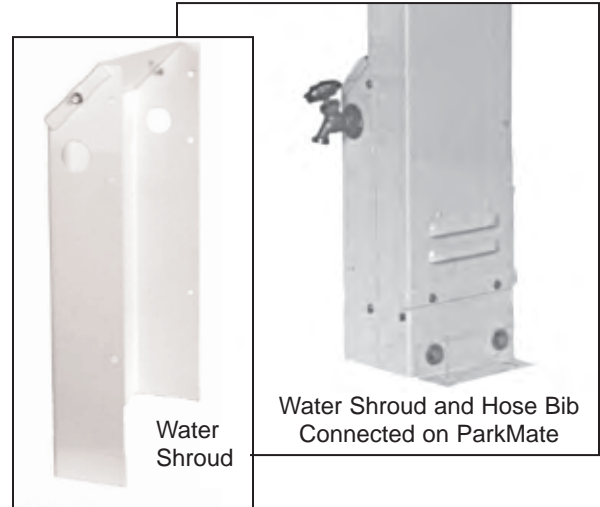
Water Shroud & Hose Bib

Water Shroud Models:

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

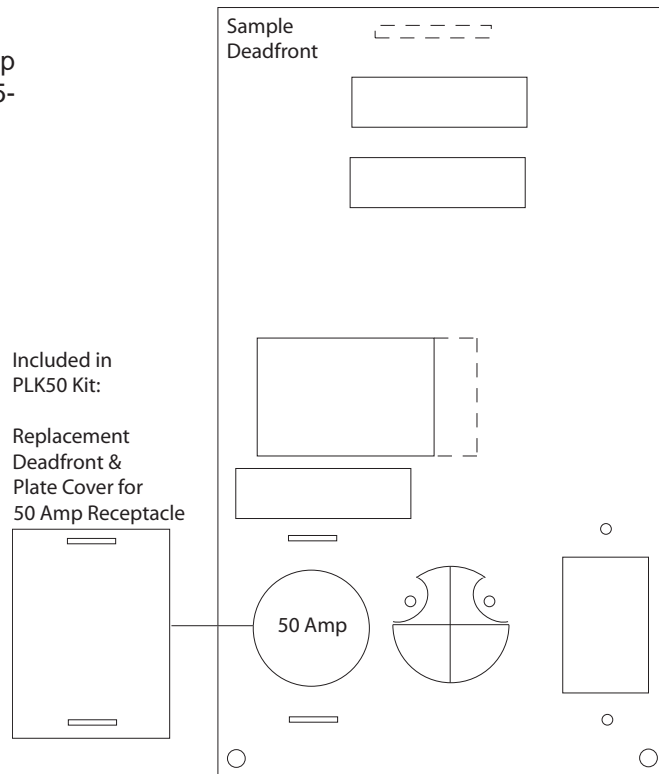
Hose Bib:

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



50-Amp Receptacle Lockout Panel

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



RV Substation

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

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

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



Parts & Accessories

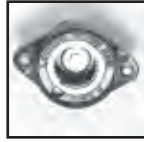


Pullers, Fuse Blocks, Fuse Holders



Model Number
Wire Range (CuAl)
Amp (Maximum)

FH1
14-10 Cu Only
30



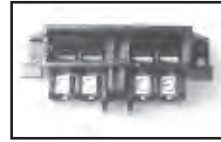
Model Number
Wire Range (CuAl)
Amp (Maximum)

FH2
14-10 Cu Only
20



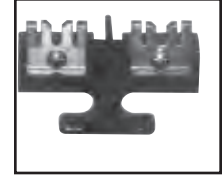
Model Number
Wire Range (CuAl)
Amp (Maximum)

FH3
14-10 Cu Only
30



Model Number
Wire Range (CuAl)
Amp (Maximum)

NF65
14-3
60



Model Number
Amp (Maximum)

NF652
(Pullout For NF65)



Model Number
Wire Range (CuAl)
Amp (Maximum)

FH101
12-1/0
100



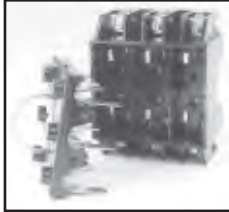
Model Number
Wire Range (CuAl)
Amp (Maximum)

FHL101
12-1/0
100



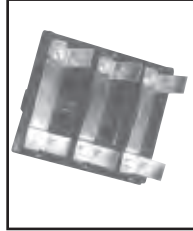
Model Number
Amp (Maximum)

FH1012
(Pullout for FH101
and FHL101)



Model Number
Amp (Maximum)

265A6036G69
(Block & Puller
for U0653F)
60 Amp



Model Number
Amp (Maximum)

265A6035G27
(Block & Puller
for U0353F)
30 Amp

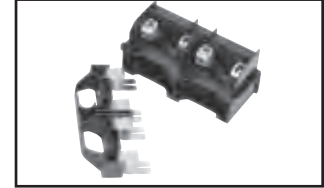
Model Number
Amp (Maximum)

265A6036G72
(Pullout for
U0653P)



Model Number
Amp (Maximum)

FR352
(Pullout for P035F,
FR35, FR39)



Model Number
Amp (Maximum)

FR35R, FR352R
FR35R (Fuse Block and Pullout
for U035F2)
FR352R (Pullout for U035F2,
FR35R)



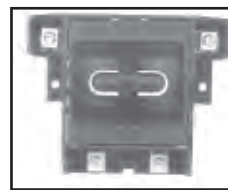
Model Number
Wire Range (CuAl)
Amp (Maximum)

FR35 **FR65**
12-3 12-3
30 60



Model Number
Wire Range (CuAl)
Amp (Maximum)

FR66
12-3
60



Model Number
Wire Range (CuAl)
Amp (Maximum)

FR39 **FR69**
12-3 12-3
30 60



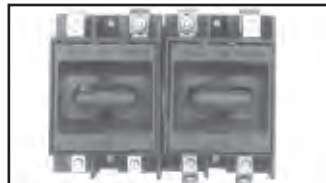
Model Number
Amp (Maximum)

FH682
(Pullout for FR67, FR65, FR66,
FR69, FR64X2, FR65X2,
FR67X2)



Model Number
Wire Range (CuAl)
Amp (Maximum)

FR64X2
12-3
60



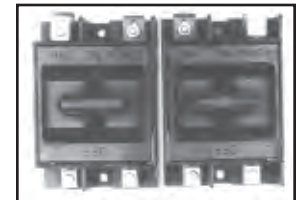
Model Number
Wire Range (CuAl)
Amp (Maximum)

FR65X2
12-3
60



Model Number
Wire Range (CuAl)
Amp (Maximum)

FR67
12-3
60



Model Number
Wire Range (CuAl)
Amp (Maximum)

FR67X2
12-1/0
60



Circuit Breakers

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

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

A	CB115	THQL115	----	15	120/240	1	Plug-In
B	CB120	THQL1120	----	20	120/240	1	Plug-In
C	CB130	THQL1130	----	30	120/240	1	Plug-In
D	CB140	THQL1140	----	40	120/240	1	Plug-In
E	CB150	THQL1150	----	50	120/240	1	Plug-In
F	CB115T*	----	THQP115	15	120/240	1	Plug-In
G	CB120T*	----	THQP120	20	120/240	1	Plug-In
J	CB150T*	----	THQP150	50	120/240	1	Plug-In

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

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

K	CB215	THQL2115	----	15	120/240	2	Plug-In
L	CB220	THQL2120	----	20	120/240	2	Plug-In
M	CB230	THQL2130	----	30	120/240	2	Plug-In
N	CB240	THQL2140	----	40	120/240	2	Plug-In
O	CB250	THQL2150	----	50	120/240	2	Plug-In
P	CB220T*	----	THQP220	20	120/240	2	Plug-In
Q	CB230T*	----	THQP230	30	120/240	2	Plug-In
R	CB250T*	----	THQP250	50	120/240	2	Plug-In
S	CB260	THQL2160	----	60	120/240	2	Plug-In
T	CB270	THQL2170	----	70	120/240	2	Plug-In
U	CB2100	THQL21100	----	100	120/240	2	Plug-In
V	CB2150B	TQDL21150	----	150	120/240	2	Plug-In
V2	CB2200B	TQDL21200	----	200	120/240	2	Plug-In

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

GFCI Single and Double Pole, 10,000 AIC

W	GFI115	THQL115GF	----	15	120/240	1	Ground Fault Circuit Interrupter
X	GFI120	THQL1120GF	----	20	120/240	1	Ground Fault Circuit Interrupter
Y	GFI130	THQL1130GF	----	30	120/240	1	Ground Fault Circuit Interrupter
Z	GFI220	THQL2120GF	----	20	120/240	2	Ground Fault Circuit Interrupter
AA	GFI230	THQL2130GF	----	30	120/240	2	Ground Fault Circuit Interrupter
AB	GFI240	THQL2140GF	----	40	120/240	2	Ground Fault Circuit Interrupter
AC	GFI250	THQL2150GF	----	50	120/240	2	Ground Fault Circuit Interrupter

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

BB	CB2101	TQD22100WL	----	100	240	2	100 Amp Bolt-On
CC	CB2151	TQD22150WL	----	150	240	2	150 Amp Bolt-On
DD	CB2201	TQD22200WL	----	200	240	2	200 Amp Bolt-On

Special Purpose Breakers 240 Volt, 10,000 AIC

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

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

Plug-In 240 Volt, 22,000 AIC

NN	CB4200H	THQMV200WLBP	----	200	240	4	Plug-in
OO	CB4150H	THQMV150WLBP	----	150	240	4	Plug-in
	CB2100H	THHQL21100	----	100	240	2	Plug-in

Bolt-On 240 Volt, 22,000 AIC

QQ	CB2101H	THQD22100WL	----	100	240	2	Bolt-On
RR	CB2151H	THQD22150WL	----	150	240	2	Bolt-On
SS	CB2201H	THQD22200WL	----	200	240	2	Bolt-On

Circuit Breakers



CB115 **A-E**



CB115T **F-J**



CB220 **K-O, S-U**



CB220T **P-R**



CB2200B **V-V2**



GFI115 **W-AC**



CB2201 **BB-DD, QQ-SS**



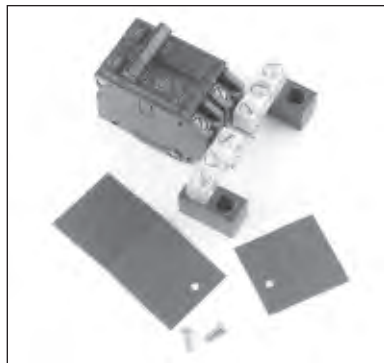
CBT2201 **LL-MM**



CBL2201 **EE-GG**



LCB2201 **HH-JJ**



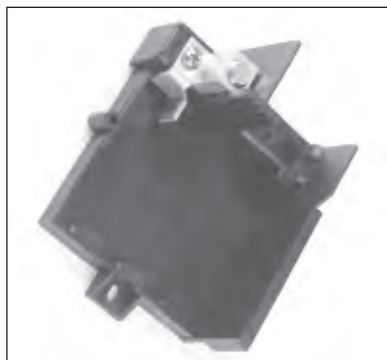
CBT2102 **KK**



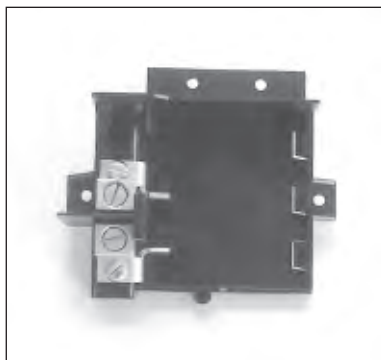
CB4200H **NN-OO**

Load Center Interiors

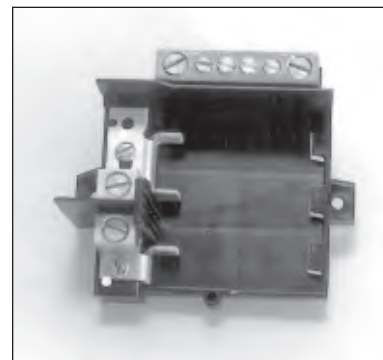
Part Number	Circuits	Volts	Amps	Line Lug Size	Neutral Lug Size
LC31X3	1	120	30	#14-1/0 CU AL	None
LC32X1	2	120/240	100	#14-1/0 CU AL	None
LC33N1	3	120/240	100	#14-1/0 CU AL	(2)#14-1/0, (2)#14-4 CU AL
LC33N1T	3	120/240	100	(2)#14-1/0 CU AL/Phase	(2)#14-1/0, (2)#14-4 CU AL
LC31N3	1	120	30	#14-1/0 CU AL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



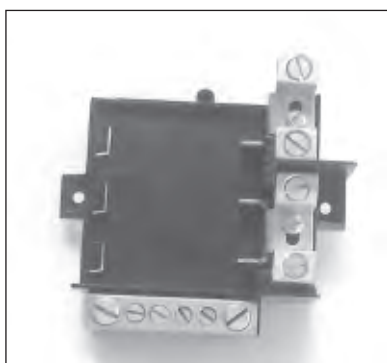
LC31X3



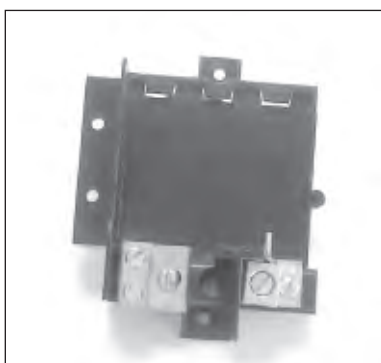
LC32X1



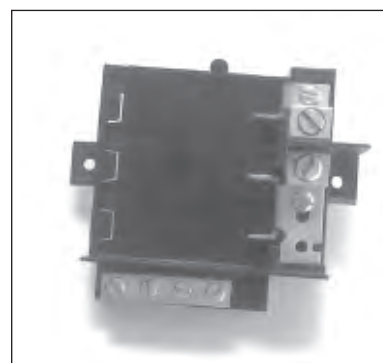
LC33N1



LC33N1T



LC31N3

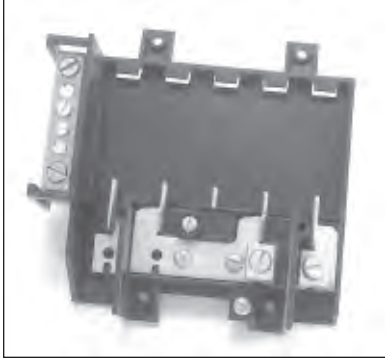


LC33N7

Load Center Interiors



LC44X1



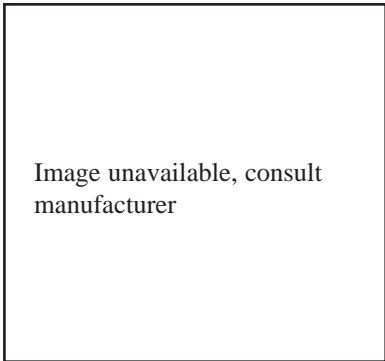
LC55N1



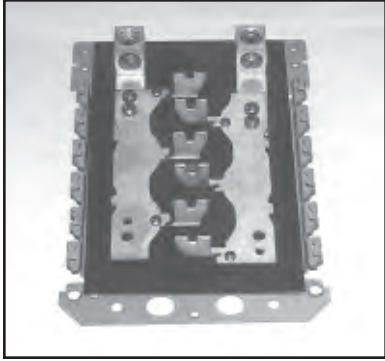
LC55N1T



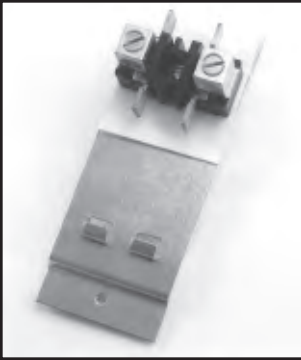
LC88PC



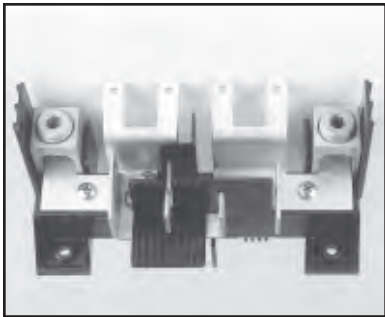
LC88X2



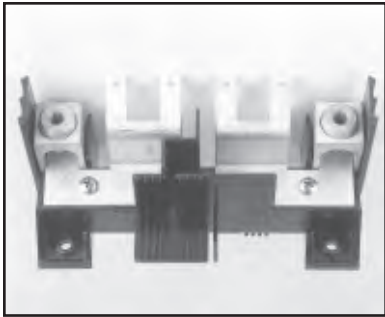
LC1212PC



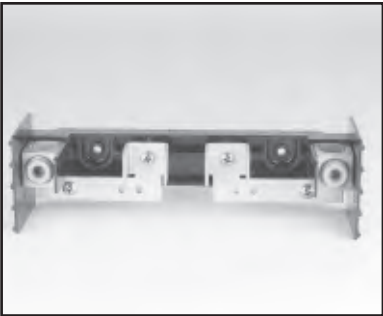
PC2LC



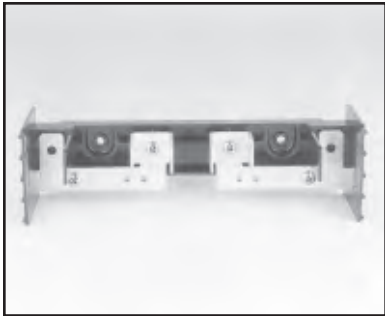
LCBS



LCBNS



LCTL



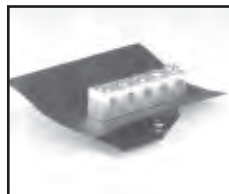
LCTNL

Lug Assemblies

Part Number	Lug Size and Qty.
NI60B2	(4)#14-4 CU AL
NEU102	(5)#12-1/0 CU AL
NI100B2	(5)#14-1/0 CU AL
NEU202	(2)#14-1/0, (3)#6-250KCMIL CU AL
NI200	(3)1/0-250KCMIL, (3)#12-1/0 CU AL
NI200A5	(3)1/0-250KCMIL, (3)#12-1/0 CU AL
NEU407	(2)#14-1/0, (3)#2-600KCMIL
NI400A1	(2)1/0-600KCMIL, (3)1/0-250KCMIL CU AL
GL3	(2)#12-2 CU AL
GL6	1/0 Ground Lug



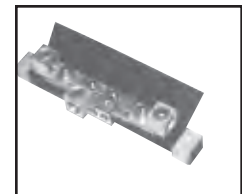
NI60B2



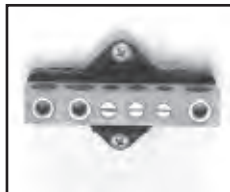
NEU102



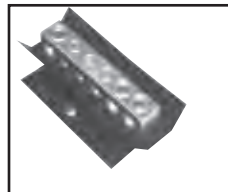
NI100B2



NEU202



NI200



NI200A5



NEU407



NI400A1



GL3



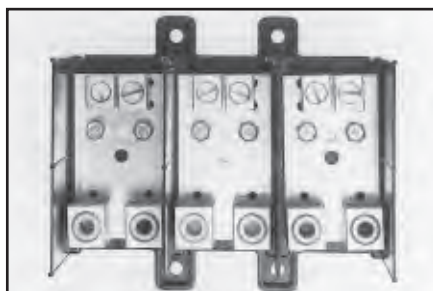
GL6

Meter Door Replacement Kits

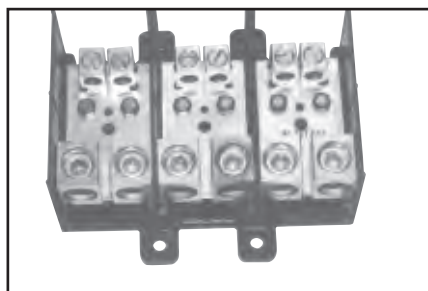
Meter door replacement kits are available for Service Entrance, Temporary Power, and RV metallic metered units. Please consult manufacturer to ensure the proper kit is ordered for your model.

Loop Feed Lug Terminal Bars

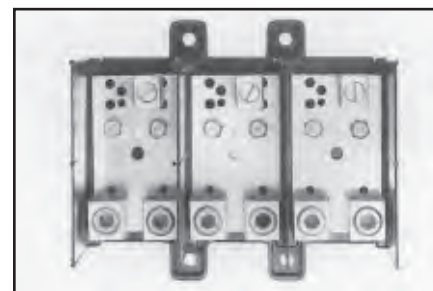
Part Number	Load Amps	Load Lugs	Line Amps	Line Lugs
LT100B250	100	(2)#14-1/0 CU AL Per Phase	200	(2)#1-300KCMIL CU AL Per Phase
LT100B350	100	(2)#14-1/0 CU AL Per Phase	200	(2)#6-350KCMIL CU AL Per Phase
LT100S250	100	(1)#14-1/0 CU AL Per Phase	200	(2)#1-300KCMIL CU AL Per Phase
LT100S300	100	(2)#14-1/0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



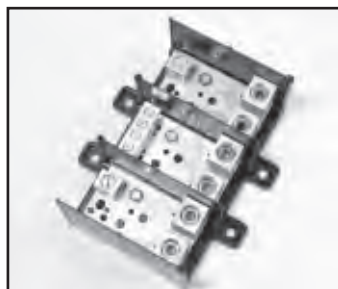
LT100B250



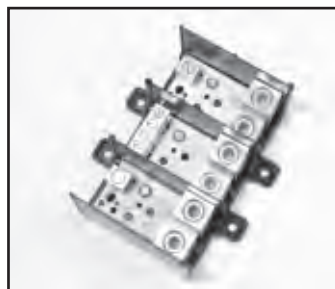
LT100B350



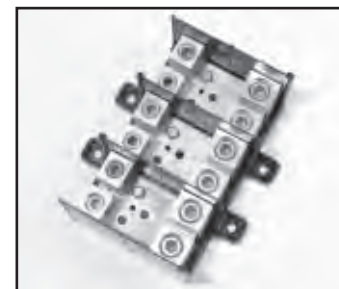
LT100S250



LT100S300



LT100S350



LT200B350



LT200B350RF

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



LT200S350



LT200SS

Meter Bases

100 Amp Meter Sockets for models manufactured after February 1995

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

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

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

Replacement Model No.	Type	Rating	Lug Style	Line Lug Wire Range	Optional Neutral Kit	Description
MS1H	Ring-Type	100	Lay-in	6-1/0	MSBN1A	Post Models, 14" wide Surface Panels
MS1S ¹	Ring-Type	100	Lay-in	6-1/0	MSBN1A	Surface Mount, Rear Socket on Posts
MSR1H	Ringless	100	Lay-in	6-1/0	MSBN1A	Post Models, 14" wide Surface Panels
MSR1S	Ringless	100	Lay-in	6-1/0	MSBN1A	Surface Mount, Rear Socket on Posts

200 Amp Meter Sockets for models manufactured after 1984

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

¹ Midwest Electric manufactured meter socket only.

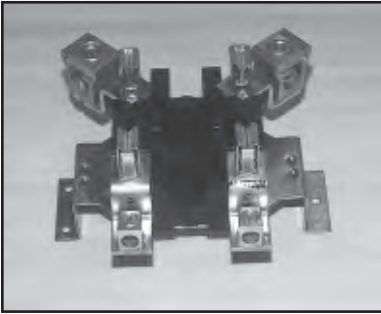
* 320 Amp Rated for Bypass.

400 Amp Lever Bypass Meter Socket

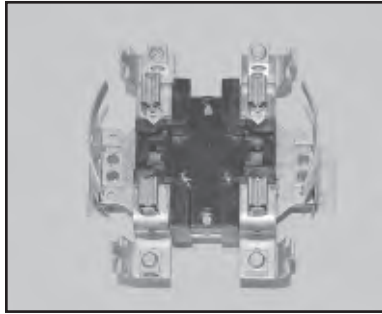
Replacement Model No.	Type	Rating	Lug Style	Line Lug Wire Range	Optional Neutral Kit	Description
265A5264P10	Ringless	400/320*	Dbf Box Style	6-350KCMIL	—	14" Lever Bypass Series SE Surface/Pedestal

* 320 Amp Rated for Bypass.

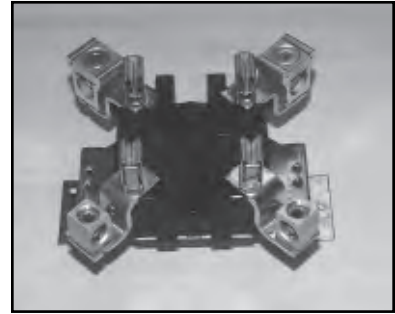
Meter Bases



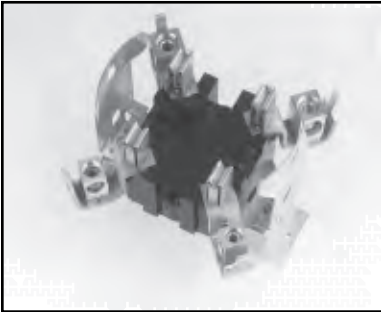
MSM100930



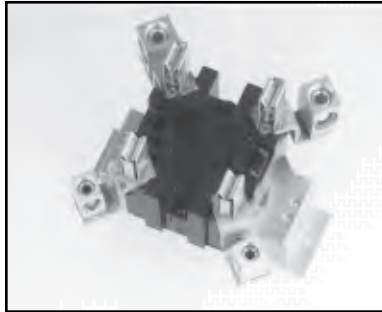
MSR100P9



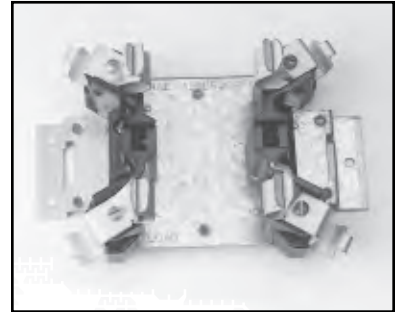
MSM20014



MW200R



MW200M



MS1S



MSMS



MSRS



MSMP



MSRP

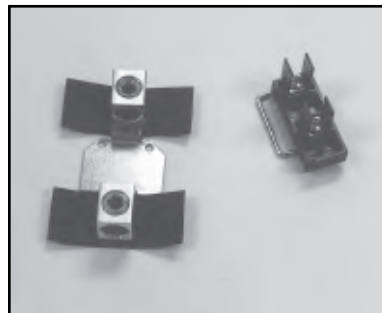


MS5-(5th Jaw)¹

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



MSBN1A



MSBN4

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

NEMA Receptacle Configurations

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

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

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

Other Receptacles

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

Application Data



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

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

CORRECTION FACTORS

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

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

Approximate Voltage Drop (Copper Conductor)

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

