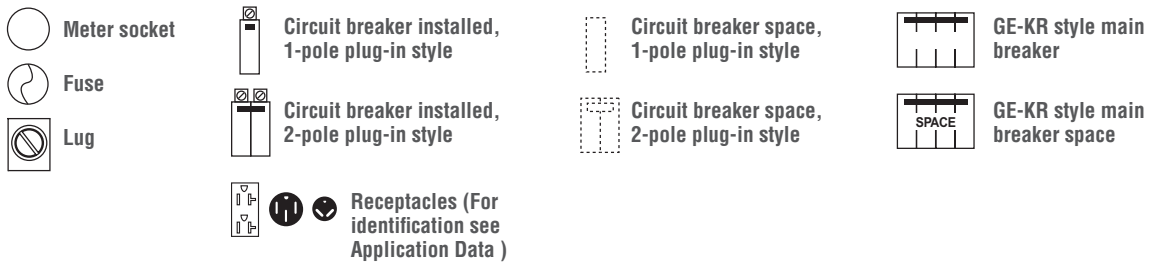


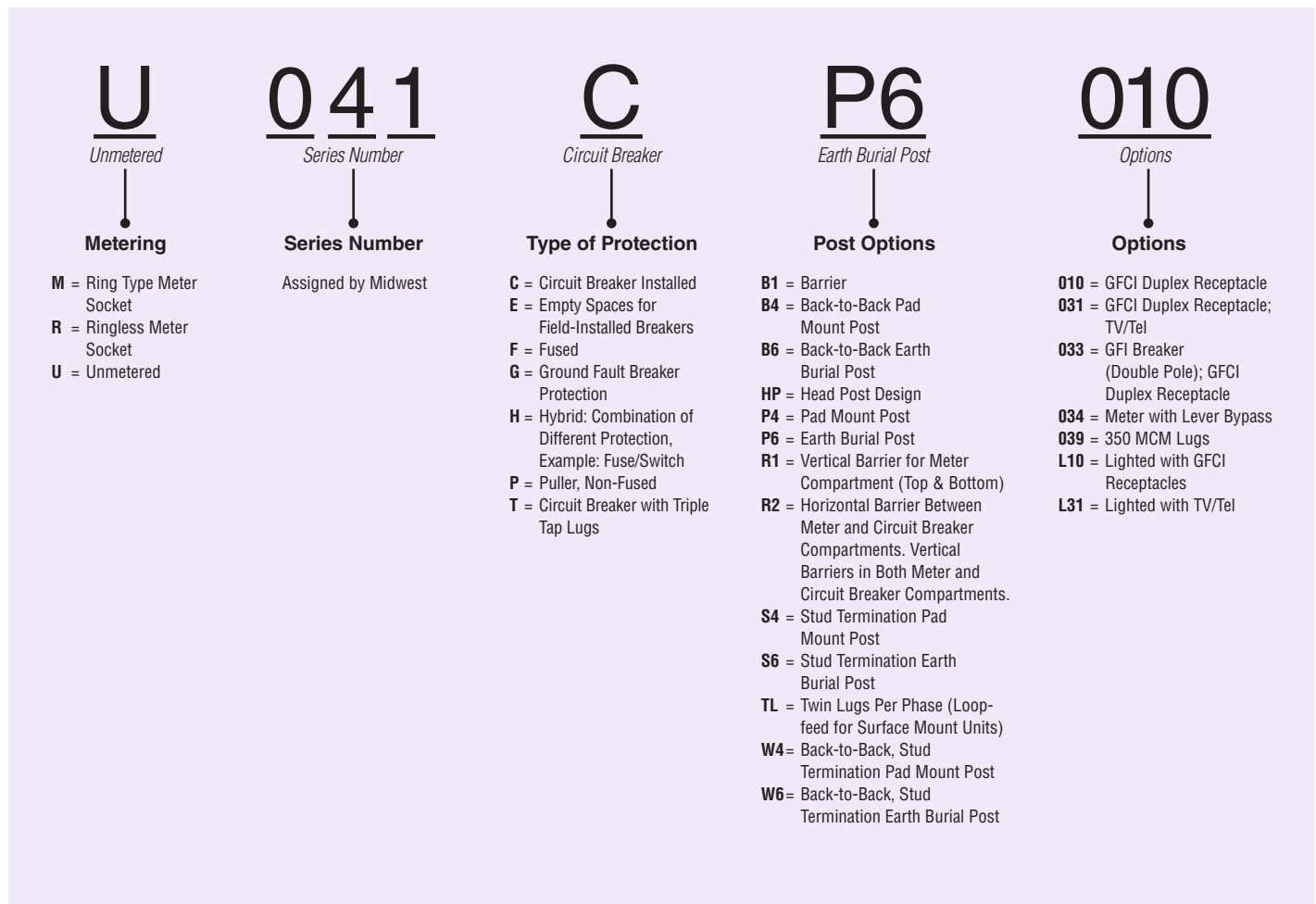
Catalog Keys

Model Diagram Symbols



Model Number System

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



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

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 – 50 Amps, 120/240V

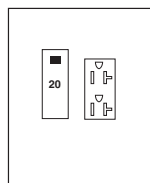


Fig. A
U010C
5-20R2

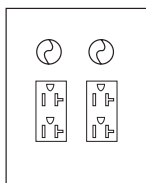


Fig. B
U011F
(2) 5-20R2

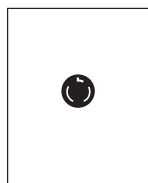


Fig. C
U023
7310

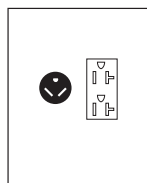


Fig. D
U041
R32U, 5-20R2

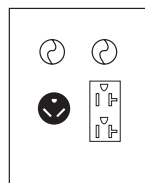


Fig. E
U041F
R32U, 5-20R2

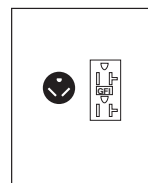


Fig. F
U041010
R32U, 5-20R2GFCI

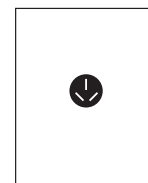


Fig. G
U050
10-50R

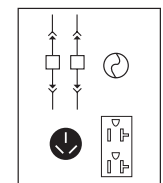


Fig. H
U051F
10-50R, 5-20R2

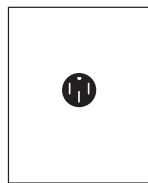


Fig. I
U054
BR54U

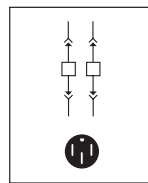


Fig. J
U054F
BR54U

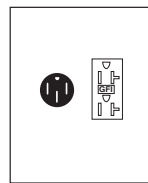


Fig. K
U055010
BR54U, 5-20R2GFCI

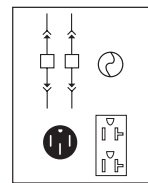


Fig. L
U055F
BR54U, 5-20R2

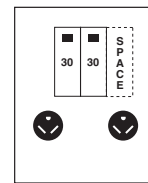


Fig. M
U061C
(2) R32U

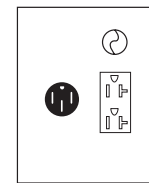


Fig. N
U550F
BR54U, 5-20R2

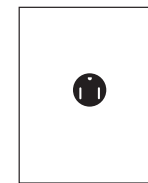


Fig. O
U501
6-50R

Fig.	Model Number	Receptacles	Circuit Protection	Amps	Wire Range*	Cabinet Size	Hub Opening	Load & Neutral Bar	Unit Wt.	Std Pkg.	UL
A	U010C	5-20R2	CB120	20	B	6 x 9	Y	LC31N3	7	4	Y ²
B	U011F	(2) 5-20R2	(2) FH2	20	E	6 x 9		—	9		N
C	U023	7310	—	20	F	5 x 7		—	4.5		Y ²
D	U041	R32U, 5-20R2	—	30	E	6 x 9		—	6		N
E	U041F	R32U, 5-20R2	FH3, FH2	30	E	6 x 9		—	7	Y ²	
F	U041010	R32U, 5-20R2GFCI	—	30	J	6 x 9		—	9	N	
G	U050	10-50R	—	50	G	5 x 7		—	4.5	Y ²	
H	U051F	10-50R, 5-20R2	FH2	50	K	6 x 14		FR66	10	N	
I	U054	BR54U	—	50	G	5 x 7		—	5	Y ²	
J	U054F	BR54U	—	50	O	6 x 14		FR67	10	Y ²	
K	U055010	BR54U, 5-20R2GFCI	—	50	J	6 x 9		—	9	Y ²	
L	U055F	BR54U, 5-20R2	—	50	L	6 x 14		FR66, FH2	9	Y ²	
M	U061C ¹	(2) R32U	(2) CB130, Space CB120	50	O	6 x 14		LC33N7	10	Y ²	
N	U550F	BR54U, 5-20R2	FH2	50	M	6 x 14		—	6	Y ²	

¹ Model number is also suitable for use as temporary site service equipment when installed in accordance with the NEC.

² cULus approved.

* Wire Range Table on page 62-63.

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

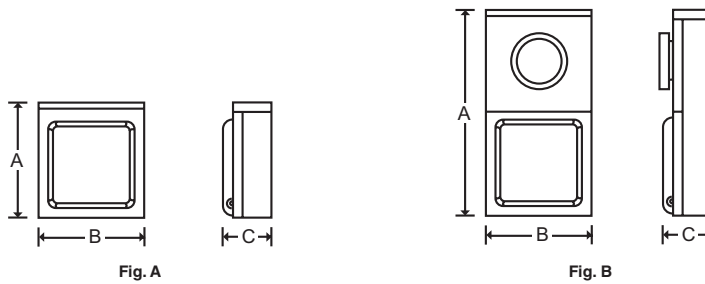
* Wire Range Table on page 63.

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)	
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
U511C	—	—	6 x 14	A	14-3/8	7-1/4	5-3/16	1
U511G	—	—	6 x 14	A	14-3/8	7-1/4	5-3/16	1
U546	—	—	6 x 9	A	9-1/8	7-1/4	5-3/16	1
U550F	—	—	6 x 14	A	14-3/8	7-1/4	5-3/16	1
U614C	—	—	14 x 21	A	21-3/8	14-3/4	6-7/16	3
U666C010	—	—	9 x 17	A	17-3/8	9-3/4	5-3/16	2
U870G6	—	—	9 x 21	A	21-5/8	9-1/2	4-3/4	5

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

Cabinet Dimensions



Knockout Configurations

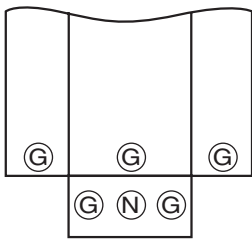


Fig. 1

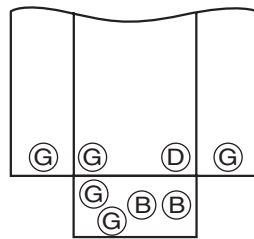


Fig. 2

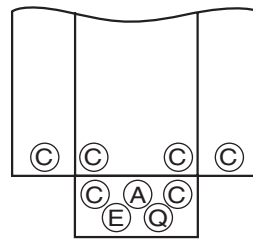


Fig. 3

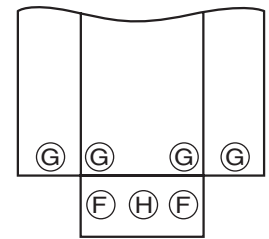


Fig. 4

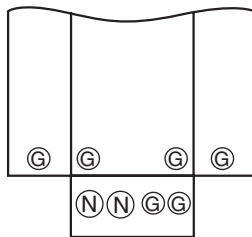


Fig. 5

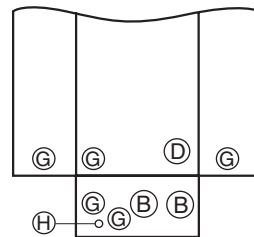


Fig. 6

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", 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.

Wire Range Tables

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

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

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

Data subject to change without notice.