

Midwest Electric Products

Single Socket and Horizontal Metering

KCP&L Approved



Single Socket Metering—KCP&L Approved



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. The units in this brochure are approved by KCP&L.

The approved units are 200A and are available in single phase or three phase.

Specifications and Features

- Single Phase or Three Phase
- UL Listed
- Tested and UL listed up to 10kAIC short circuit rating
- Selected items are utility approved
- NEMA 3R enclosure
- Integral duplex ground extruded in neutral lug
- G90 galvanized bridge provides superior corrosion resistance
- Heavy duty lug screws provide stronger connection component for reliable termination

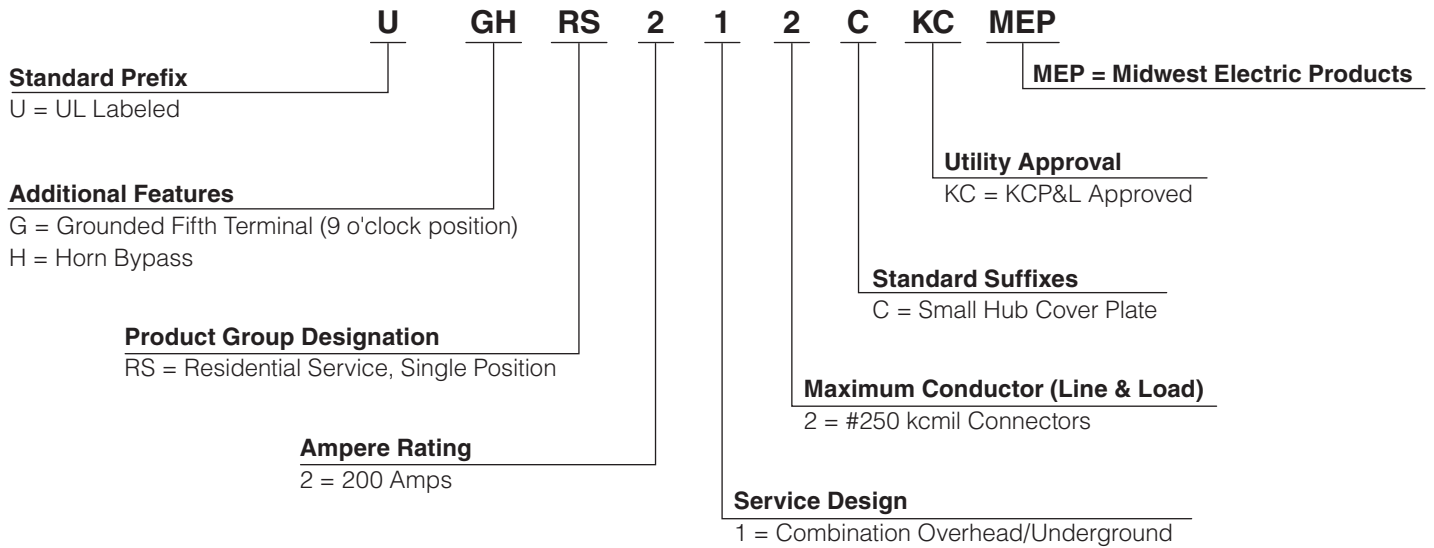


- 200A units have jaws made of copper plated alloy and have reinforcing springs to help maintain electrical connections
- 200A units have slide-nuts that allow for ease of installation of conductors and help eliminate lost components

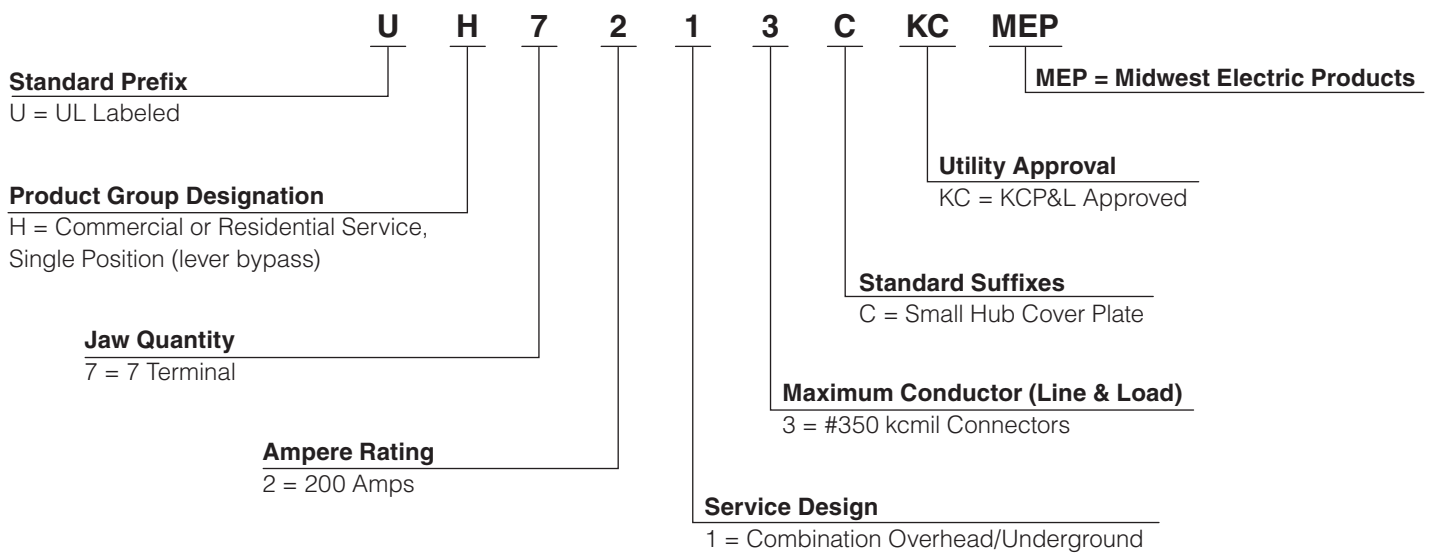
Single Socket Metering—KCP&L Approved

Single Socket Nomenclature

Sockets with 4 Jaws/Terminals



Sockets with 7 Jaws/Terminals



Single Socket Metering—KCP&L Approved

Single Phase, 600V, Ringless

Amp	Model Number	Wire Range (CU/AL)	Overhead/Underground Line Feed	Ground Range (CU/AL)	Triplex Ground	No. of Terminals	Lever Bypass	Horned Bypass	Hub Type	Enclosure N3R	UL & Utility Approved
200	UGHRS212CKCMEP	#8-250MCM	Top/Bottom	No Ground	N	5	N	Y	Small Hub Cover Plate	G90 Steel	UL, KCP&L

Three Phase, 600V, Ringless

Amp	Model Number	Wire Range (CU/AL)	Overhead/Underground Line Feed	Ground Range (CU/AL)	Triplex Ground	No. of Terminals	Lever Bypass	Horned Bypass	Hub Type	Enclosure N3R	UL & Utility Approved
200	UH7213CKCMEP	#6-350MCM	Top/Bottom	No Ground	N	7	Y	N	Small Hub Cover Plate	G90 Steel	UL, KCP&L

Accessories can be found on page 7.

Technical Data

Model Number	Height (A) Inches	Width (B) Inches	Depth (C) Inches	Gross Weight lbs.	Enclosure Style	Knockout Figure	Standard Pack
UGHRS212CKCMEP	14.00	11.00	4.38	13.00	A	A	1
UH7213CKCMEP	19.00	13.00	4.94	24.00	A	B	1

Enclosure Style

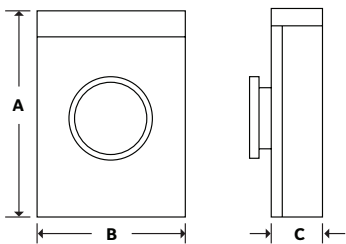


Figure A

Knockout Figures

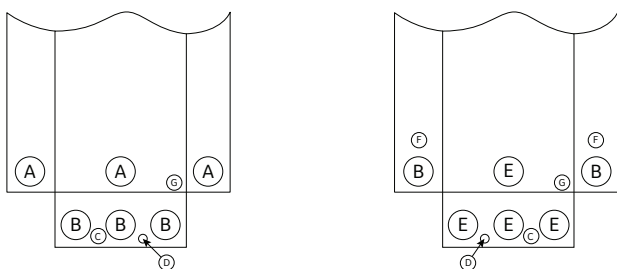


Figure A

Figure B

Knockout Dimensions (inches)

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

Horizontal Metering—KCP&L Approved



Application Information

Midwest's Horizontal Metering products offer 600V metering solutions for strip malls and small commercial buildings requiring two to six metering locations. These products accept meters with 150A ratings and they have a compact vertical footprint. The products in this brochure meet all of the KCP&L utility specification requirements.

Specifications and Features

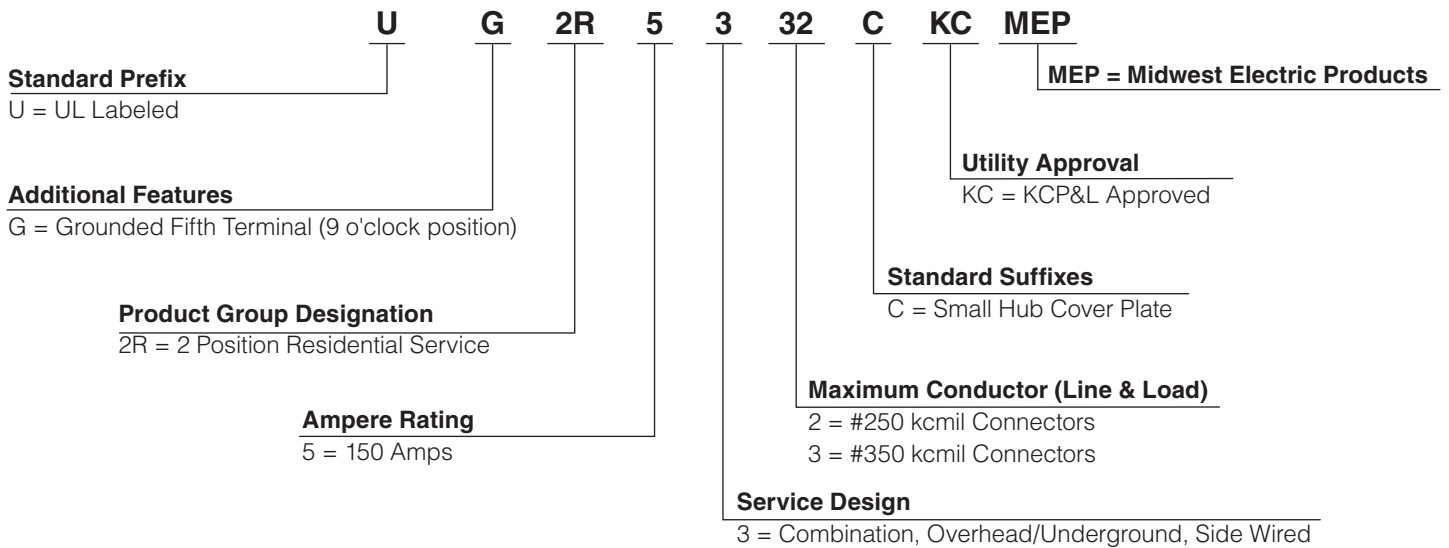
- Single phase
- Top/bottom feed
- UL Listed
- Selected items are utility approved
- NEMA 3R enclosure
- Multiple hub opening and closure plate sizes available
- Hub opening in top endwall, requires use of a bolt-on hub or closing plate
- 1Ø, 600 Vac maximum
- Main lugs only
- End or center feed



- Overhead and underground service feeds
- 10 kAIC short circuit rating (or higher with utility approval)

Horizontal Metering—KCP&L Approved

Horizontal Nomenclature



Single Phase, 600V, Ringless

Amp	Gang	Model Number	Feed Type	Overhead/Underground Line Feed	Line Wire Range	Ground Lug Size	Triplex Ground	No. of Terminals	Lever Bypass	Horned Bypass	Hub Type	Enclosure N3R	UL & Utility Approved
150	2	UG2R5332CKCMEP	Center	Top/Bottom	#6-350MCM Line #8-250MCM Load	No Ground	N	5	N	N	Small Hub Cover Plate	G90 Steel	UL, KCP&L

Accessories can be found on page 7.

Technical Data

Model Number	Height (A) Inches	Width (B) Inches	Depth (C) Inches	Gross Weight lbs.	Enclosure Style	Knockout Figure	Standard Pack
UG2R5332CKCMEP	14.13	24.31	5.38	29.00	D	D	1

Enclosure Style

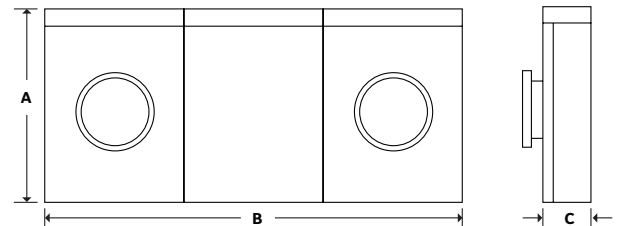


Figure D

Knockout Figure

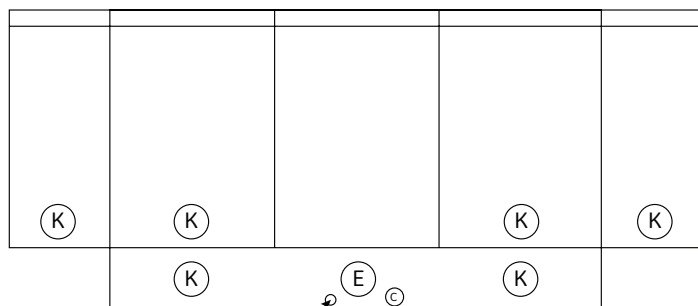


Figure D

Knockout Dimensions (inches)

C = 1/2

D = 5/16

E = 2, 2-1/2, 3

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

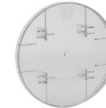
Single Socket and Horizontal Metering

Accessories

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)
1006630AMEP	Auxiliary Contacts Enclosure G90
ARP00920MEP	Plastic Meter Socket Cover Plate



ARP00035MEP



ARP00920MEP

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



Small Hub



Large Hub

Midwest Electric Products
305 Gregson Drive
Cary, NC 27511
Customer Service: 866-685-0577
Fax: 804-965-1041
www.midwestelectric.com
© 2019 Midwest Electric
MET-038E (12/19)

Information provided is subject to change without notice. Please verify all details with Midwest. All values are design or typical values when measured under laboratory condition, and Midwest makes no warranty or guarantee, express or implied, that such performance will be obtained under end-use conditions.

