



# **Single Socket Metering**

## **AEP Approved**

**By Midwest Electric Company**

## SINGLE SOCKET METERING

**125 – 320 Amps, 600V**



Midwest Electric 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 AEP.

The approved units range from 125A to 320A and are available in single phase or three phase.

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## FEATURES AND BENEFITS

### Flexibility

- 1-phase or 3-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
- 125A units have horn bypass kit that is field-installable by changing slide-nut
- 200A units have jaws made of copper plated alloy and have reinforcing springs to help maintain electrical connections

### User Safety

- UL listed
- Tested and UL listed up to 10 kAIC short circuit rating
- Selected items are utility approved

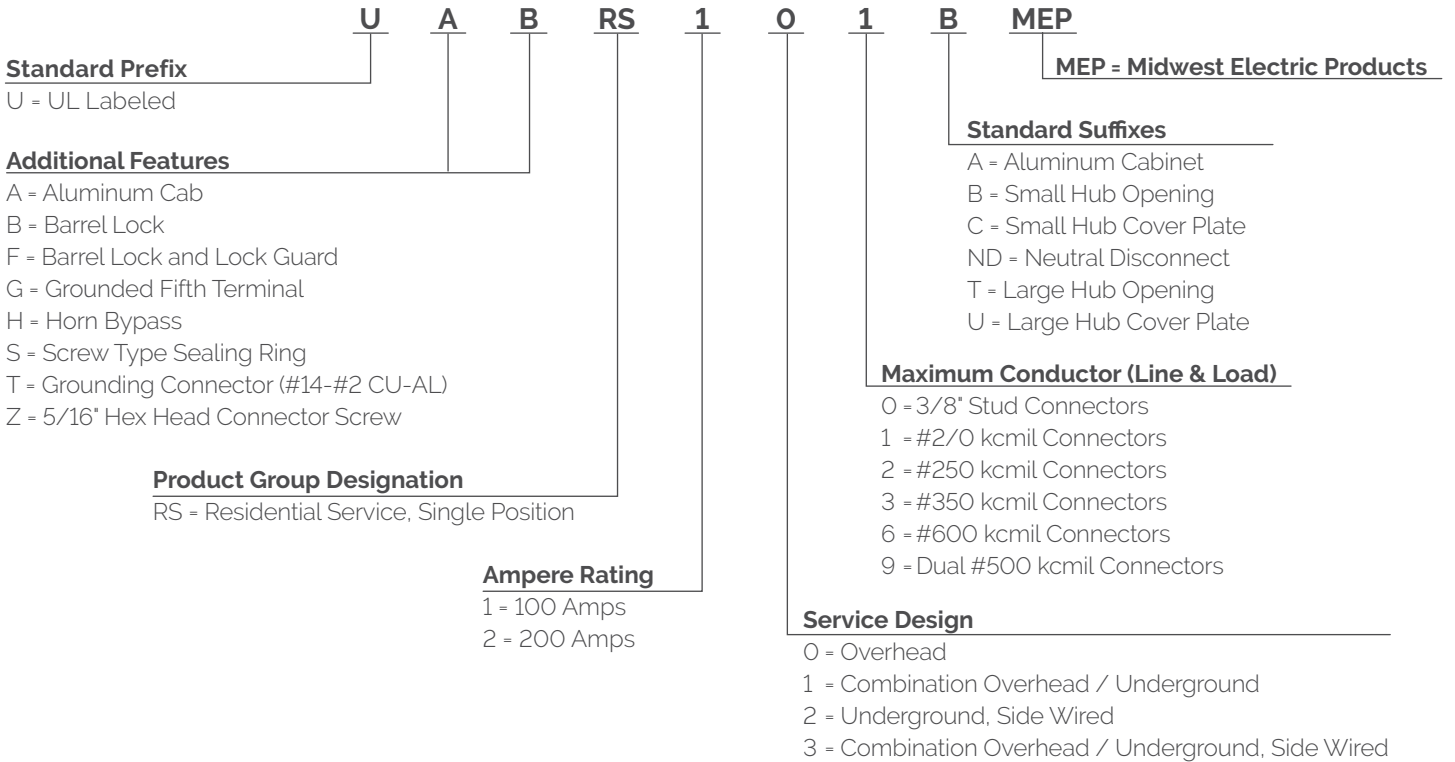
### Installation Ease

- 200A units have slide-nuts to allow for ease of installation of conductors and help eliminate lost components

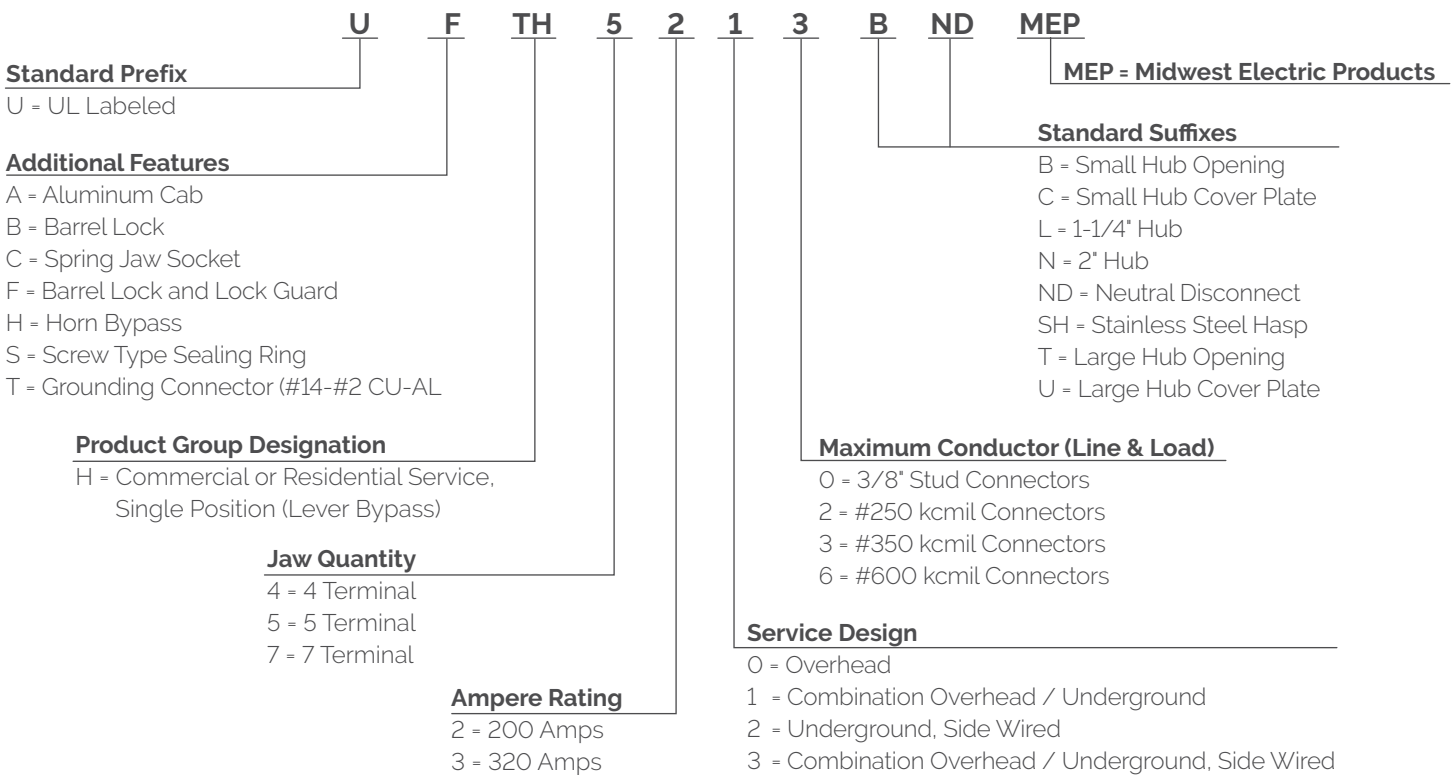


# SINGLE SOCKET NOMENCLATURE

## Sockets with 4 Jaws / Terminals



## Sockets with 4, 5 or 7 Jaws / Terminals



Products beginning with "10" or "MEP" will not follow the nomenclature.

**SELECTION****Single Phase, 600V, Ringless**

Model Number	Amps	Wire Range (cu/al)	Overhead / Underground Line Feed	Ground Range (cu/al)	Triplex Ground	No. of Terminals	Lever Bypass	Horn Bypass	Hub Type	Enclosure N3R	UL & Utility Approved
MEPKS1AS1BTV	125	#8-2/O	Top	(1) #14-2	Y	4	N	Y	Small Hub Opening	G90 Steel	UL, AEP
UFHTRS101BMEP		#8-2/O	Top/Bottom	(1) #14-2	Y	4	N	Y	Small Hub Opening	G90 Steel	
1007665AMEP	200	#8-250MCM	Top/Bottom	(1) #14-2	Y	4	N	Y	Small Hub Opening	G90 Steel	
1011692MEP		#6-350MCM	Top/Bottom	(1) #14-2	Y	4	Y	N	Small Hub Cover Plate	Aluminum	
MEPKS1CS1BJTV		#8-250MCM	Top	(1) #14-2	Y	4	N	Y	Small Hub Opening	G90 Steel	
MEPKS1CS1DTV		#8-350MCM	Top/Bottom	(1) #14-2	Y	4	N	Y	Small Hub Cover Plate	G90 Steel	
MEPKS1DS1ATV		#8-350MCM	Side	(1) #14-2	Y	4	N	Y	Solid Top	G90 Steel	
UFHTRS202BMEP		#8-250MCM	Top/Bottom	(1) #14-2	Y	4	N	Y	Small Hub Opening	G90 Steel	
UFHTRS223AMEP		#8-350MCM	Bottom	(1) #14-2	Y	4	N	Y	Solid Top	G90 Steel	
UFHTRS233CMEP		#8-350MCM	Top/Bottom	(1) #14-2	Y	4	N	Y	Small Hub Cover Plate	G90 Steel	
UFTH4213CMEP		#6-350MCM	Top/Bottom	(1) #14-2	Y	4	Y	N	Small Hub Cover Plate	G90 Steel	
1008068MEP		(2) #6-350MCM	Top/Bottom	(1) #14-1/O	Y	4	Y	N	Large Hub Cover Plate	G90 Steel	
UAFTH4330TSHMEP <sup>1</sup>	320	Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(1) #14-1/O	Y	4	Y	N	Large Hub Opening	Aluminum	
UAFTH4336TSHMEP		#4-600MCM	Top/Bottom	(1) #14-1/O	Y	4	Y	N	Large Hub Opening	Aluminum	
UFTH4330TMEP <sup>1</sup>		Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(1) #14-1/O	Y	4	Y	N	Large Hub Opening	G90 Steel	
UFTH4336TMEP		#4-600MCM	Top/Bottom	(1) #14-1/O	Y	4	Y	N	Large Hub Opening	G90 Steel	

<sup>1</sup> Lugs not included. This product comes with studs only. Order lugs separately, see accessories on page 8. One Lug per kit, order appropriate QTY needed. For example, order three lugs (A, C, N) if meter is single-phase or four lugs (A, B, C, N) if meter is three-phase.

**Three Phase, 600V, Ringless**

Model Number	Amps	Wire Range (cu/al)	Overhead / Underground Line Feed	Ground Range (cu/al)	Triplex Ground	No. of Terminals	Lever Bypass	Horn Bypass	Hub Type	Enclosure N3R	UL & Utility Approved
UAFTH7213TSHMEP	200	#6-350MCM	Top/Bottom	(1) #14-2	Y	7	Y	N	Large Hub Opening	Aluminum	UL, AEP
UFTH7213BMEP		#6-350MCM	Top/Bottom	(1) #14-2	Y	7	Y	N	Small Hub Opening	G90 Steel	
UFTH7213TMEP		#6-350MCM	Top/Bottom	(1) #14-2	Y	7	Y	N	Large Hub Opening	G90 Steel	
UFTTH7213TMEP		#6-350MCM	Top/Bottom	(2) #14-2	Y	7	Y	N	Large Hub Opening	G90 Steel	
UAFTH7330TSHMEP <sup>1</sup>	320	Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(1) #14-1/0	Y	7	Y	N	Large Hub Opening	Aluminum	
UAFTH7336TSHMEP		#4-600MCM	Top/Bottom	(1) #14-1/0	Y	7	Y	N	Large Hub Opening	Aluminum	
UFTH7330TMEP <sup>1</sup>		Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(1) #14-1/0	Y	7	Y	N	Large Hub Opening	G90 Steel	
UFTH7336TMEP		#4-600MCM	Top/Bottom	(1) #14-1/0	Y	7	Y	N	Large Hub Opening	G90 Steel	
UFTTH7330TMEP <sup>1</sup>		Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(2) #14-1/0	Y	7	Y	N	Large Hub Opening	G90 Steel	
UFTTH7336TMEP		#4-600MCM	Top/Bottom	(2) #14-1/0	Y	7	Y	N	Large Hub Opening	G90 Steel	

**Single or Three Phase, 600V, Ringless**

Model Number	Amps	Wire Range (cu/al)	Overhead / Underground Line Feed	Ground Range (cu/al)	Triplex Ground	No. of Terminals	Lever Bypass	Horn Bypass	Hub Type	Enclosure N3R	UL & Utility Approved
UAFTH5213BNDMEP	200	#6-350MCM	Top/Bottom	(1) #14-2	Y	5	Y	N	Small Hub Opening	Aluminum	UL, AEP
UFTH5213BNDMEP		#6-350MCM	Top/Bottom	(1) #14-2	Y	5	Y	N	Small Hub Opening	G90 Steel	

<sup>1</sup> Lugs not included. This product comes with studs only. Order lugs separately, see accessories on page 8. One Lug per kit, order appropriate QTY needed. For example, order three lugs (A, C, N) if meter is single-phase or four lugs (A, B, C, N) if meter is three-phase.

**TECHNICAL DATA****Single Socket Metering**

Model Number	Enclosure Style	Dimensions (inches)			Gross Weight (lbs)	Knockout Figure
		Height (A)	Width (B)	Depth (C)		
1007665AMEP	A	14.00	8.00	4.38	12	8
1008068MEP	B	34.50	16.44	6.50	39	2
1011692MEP	A	19.00	13.00	4.94	25	7
MEPKS1AS1BTV	A	10.88	8.00	3.50	7	4
MEPKS1CS1BJTV	A	14.00	8.00	4.38	11	5
MEPKS1CS1DTV	A	15.00	11.00	4.38	14	3
MEPKS1DS1ATV	C	13.00	13.00	4.94	15	6
UAFTH4330TSHMEP	B	36.63	15.00	5.69	22	1
UAFTH4336TSHMEP	B	36.63	15.00	5.69	28	1
UAFTH5213BNDMEP	A	19.00	13.00	4.94	19	7
UAFTH7213TSHMEP	A	19.00	13.00	4.94	19	7
UAFTH7330TSHMEP	B	39.88	20.00	6.50	37	9
UAFTH7336TSHMEP	B	39.88	20.00	6.50	39	9
UFHTRS101BMEP	A	10.88	8.00	3.50	8	10
UFHTRS202BMEP	A	14.00	8.00	4.38	12	5
UFHTRS223AMEP	A	13.00	13.00	4.94	16	6
UFHTRS233CMEP	B	17.13	13.00	4.94	18	6
UFTH4213CMEP	A	19.00	13.00	4.94	25	7
UFTH4330TMEP	B	36.63	15.00	5.69	41	1
UFTH4336TMEP	B	36.63	15.00	5.69	42	1
UFTH5213BNDMEP	A	19.00	13.00	4.94	26	7
UFTH7213BMEP	A	19.00	13.00	4.94	26	7
UFTH7213TMEP	A	19.00	13.00	4.94	26	7
UFTH7330TMEP	B	39.88	20.00	6.50	65	9
UFTH7336TMEP	B	39.88	20.00	6.50	42	9
UFTTH7213TMEP	A	19.00	13.00	4.94	26	7
UFTTH7330TMEP	B	39.88	20.00	6.50	65	9
UFTTH7336TMEP	B	39.88	20.00	6.50	67	9

## Enclosure Style

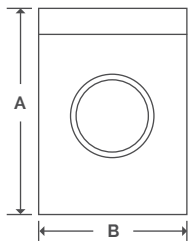


Fig. A

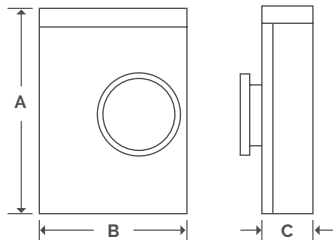


Fig. B

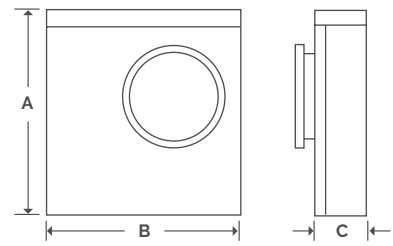


Fig. C

## Knockout Configurations

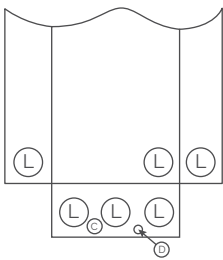


Fig. 1

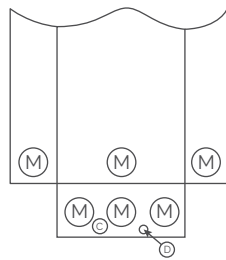


Fig. 2

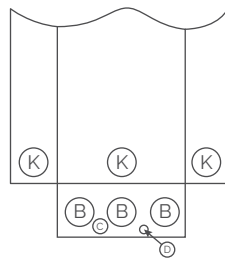


Fig. 3

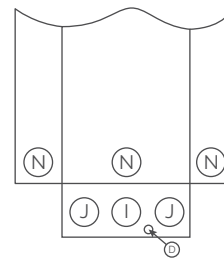


Fig. 4

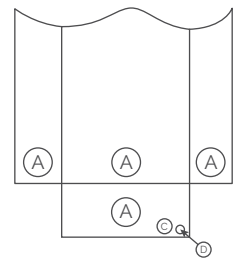


Fig. 5

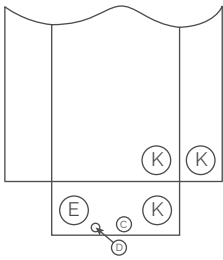


Fig. 6

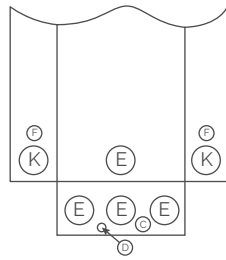


Fig. 7

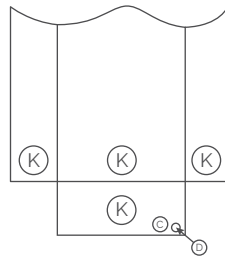


Fig. 8

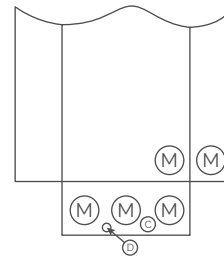


Fig. 9

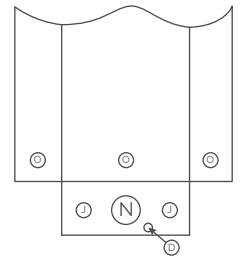


Fig. 10

### Knockout Key

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

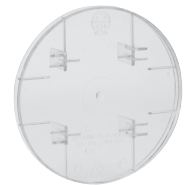
## SINGLE SOCKET METERING

### Accessories

Model Number	Description
ARPO0118MEP	One Lug for (2) #6-250MCM Cables/Phase
ARPO0429MEP	One Lug for (1) #4-600M Cables/Phase or (2) 1/0-250 Cables/Phase
ARPO0129MEP	Connector Kit #4-600MCM
ARPO0326MEP	5th Terminal Kit Lever Bypass
ARPO0035MEP	5th Terminal Kit Non-Lever Bypass
ARPO0984MEP	Anti-Inversion Clip (10 per package)
1006630AMEP	Auxiliary Contacts Enclosure G90
ARPO0920MEP	Plastic Meter Socket Cover Plate



ARPO0035MEP



ARPO0920MEP

### Hub Kits

Model Number	Description
ARPO0003MEP	1" Hub Kit, Small
ARPO0004MEP	1.25" Hub Kit, Small
ARPO0005MEP	1.5" Hub Kit, Small
ARPO0006MEP	2" Hub Kit, Small
ARPO0007MEP	2.5" Hub Kit, Small
ARPO0017MEP	2" Hub Kit, Large
ARPO0018MEP	2.5" Hub Kit, Large
ARPO0019MEP	3" Hub Kit, Large
ARPO0020MEP	3.5" Hub Kit, Large
ARPO0021MEP	4" Hub Kit, Large



Small Hub



Large Hub

## Midwest Electric Products

Quality Weatherproof Electrical Equipment

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