

Midwest Electric Products

Single Socket and Horizontal Metering

MEG Approved



Single Socket Metering—MEG 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 MEG.

Our products range from 125A to 320A and are available in single phase or three phase.

Specifications and Features

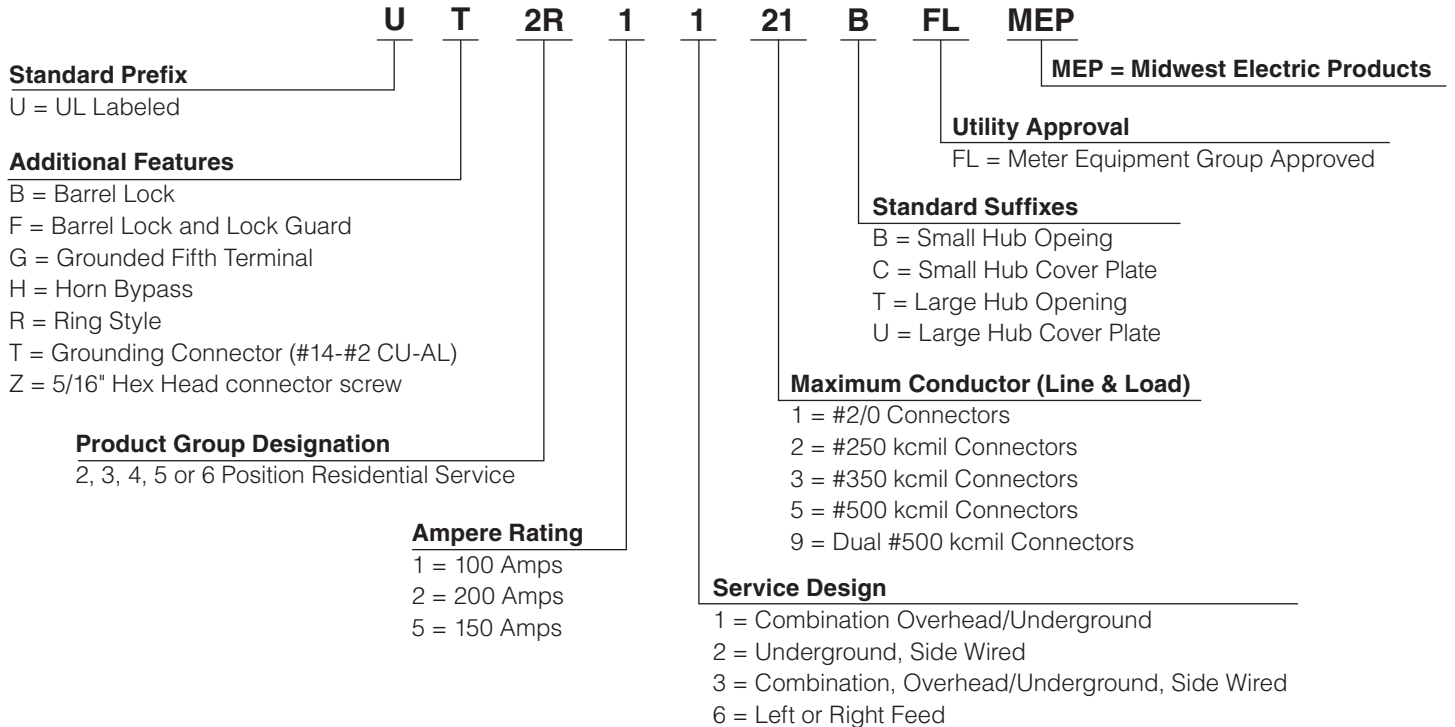
- Single Phase or Three Phase
- UL Listed (Panelboards No. 67)
- Tested and UL listed up to 10kAIC short circuit rating
- Selected items are utility approved
- NEMA 3R enclosure
- Integral duplex ground extruded in neutral lug
- G90 galvanized bridge provides superior corrosion resistance
- Heavy duty lug screws provide stronger connection component for reliable termination
- 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
- 200A units have slide-nuts that allow for ease of installation of conductors and help eliminate lost components



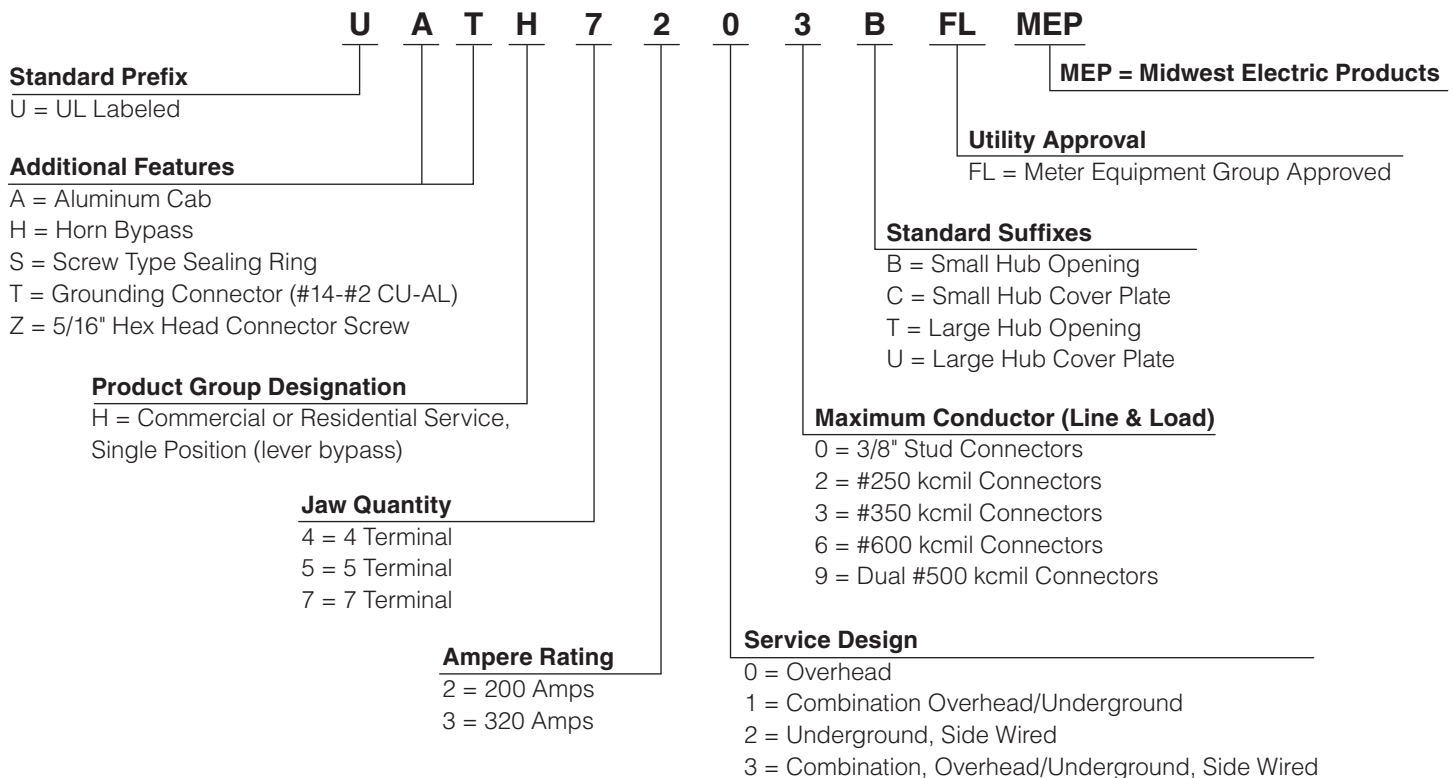
Single Socket Metering—MEG Approved

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.

Single Socket Metering—MEG 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
125	UATZRS101CFLMEP	#8-2/0	Top/Bottom	(1) #14-2	Y	4	N	N	Small Hub Cover Plate	Aluminum	UL, MEG
	UTZRS101CFLMEP	#8-2/0	Top/Bottom	(1) #14-2	Y	4	N	N	Small Hub Cover Plate	G90 Steel	
200	UATH4203BFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	4	Y	N	Small Hub Opening	Aluminum	UL, MEG
	UATH4203TFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	4	Y	N	Large Hub Opening		
	UATH4213CFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	4	Y	N	Small Hub Cover Plate		
	UATH4213UFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	4	Y	N	Large Hub Cover Plate		
	UATR202BFLMEP	#8-250MCM	Top/Bottom	(1) #14-2	Y	4	N	N	Small Hub Opening		
	UATR212CFLMEP	#8-250MCM	Top/Bottom	(1) #14-2	Y	4	N	N	Small Hub Cover Plate		
	UATR213AFLMEP	#8-350MCM	Bottom	(1) #14-2	Y	4	N	N	Solid Top		
	UATR213CFLMEP	#8-350MCM	Top/Bottom	(1) #14-2	Y	4	N	N	Small Hub Cover Plate		
	UATR223AFLMEP	#8-350MCM	Bottom	(1) #14-2	Y	4	N	N	Solid Top		
	UT92197CCFLMEP	#8-350MCM	Top/Bottom	(1) #14-2	Y	4	N	N	(2) Small Hub Cover Plates	G90 Steel	
	UTH4203BFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	4	Y	N	Small Hub Opening		
	UTH4203TFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	4	Y	N	Large Hub Opening		
	UTH4213CFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	4	Y	N	Small Hub Cover Plate		
	UTH4213UFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	4	Y	N	Large Hub Cover Plate		
	UTRS213AFLMEP	#8-350MCM	Bottom	(1) #14-2	Y	4	N	N	Solid Top		
	UTRS213CFLMEP	#8-350MCM	Top/Bottom	(1) #14-2	Y	4	N	N	Small Hub Cover Plate		
	UTRS223AFLMEP	#8-350MCM	Bottom	(1) #14-2	Y	4	N	N	Solid Top		
	1008836MEP ¹	Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(1) #14-1/0	Y	4	Y	N	Large Hub Cover Plate		
1008837MEP ¹	Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(1) #14-1/0	Y	4	Y	N	Large Hub Cover Plate	Aluminum		
UATH4300TFLMEP ¹	Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(1) #14-1/0	Y	4	Y	N	Large Hub Opening			
UTH4300TFLMEP ¹	Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(1) #14-1/0	Y	4	Y	N	Large Hub Opening	G90 Steel		

¹Lugs not included. This product comes with studs only. Order lugs separately, see accessories on page 12. 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.

Single Socket Metering—MEG Approved (continued)

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	UATH7203BFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	7	Y	N	Small Hub Opening	Aluminum	UL, MEG
	UATH7203TFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	7	Y	N	Large Hub Opening		
	UATH7213CFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	7	Y	N	Small Hub Cover Plate		
	UATH7213UFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	7	Y	N	Large Hub Cover Plate		
	UTH7203BFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	7	Y	N	Small Hub Opening	G90 Steel	
	UTH7203TFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	7	Y	N	Large Hub Opening		
320	UATH7300TFLMEP ¹	Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(1) #14-1/0	Y	7	Y	N	Large Hub Opening	Aluminum	UL, MEG
	UATH7300UFLMEP ¹	Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(1) #14-1/0	Y	7	Y	N	Large Hub Cover Plate		
	UTH7300TFLMEP ¹	Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(1) #14-1/0	Y	7	Y	N	Large Hub Opening	G90 Steel	
	UTH7330UFLMEP ¹	Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(1) #14-1/0	Y	7	Y	N	Large Hub Cover Plate		

Single or 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	UATH5203BFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	5	Y	N	Small Hub Opening	Aluminum	UL, MEG
	UATH5203TFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	5	Y	N	Large Hub Opening		
	UATH5213CFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	5	Y	N	Small Hub Cover Plate		
	UATH5213UFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	5	Y	N	Large Hub Cover Plate		
	UTH5203BFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	5	Y	N	Small Hub Opening	G90 Steel	
	UTH5203TFLMEP	#8-350MCM	Top/Bottom	(1) #14-2	Y	5	Y	N	Large Hub Opening		
	UTH5213CFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	5	Y	N	Small Hub Cover Plate		
	UTH5213UFLMEP	#6-350MCM	Top/Bottom	(1) #14-2	Y	5	Y	N	Large Hub Cover Plate		
320	UATH5300TFLMEP ¹	Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(1) #14-1/0	Y	5	Y	N	Large Hub Opening	Aluminum	UL, MEG
	UATH5330UFLMEP ¹	Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(1) #14-1/0	Y	5	Y	N	Large Hub Cover Plate		
	UTH5300TFLMEP ¹	Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(1) #14-1/0	Y	5	Y	N	Large Hub Opening	G90 Steel	
	UTH5330UFLMEP ¹	Studs - (1) 600MCM or (2) 350MCM	Top/Bottom	(1) #14-2	Y	5	Y	N	Large Hub Cover Plate		

¹Lugs not included. This product comes with studs only. Order lugs separately, see accessories on page 12. 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.

Single Socket Metering—MEG Approved

Enclosure Style

Model Number	Height (A) Inches	Width (B) Inches	Depth (C) Inches	Gross Weight lbs.	Enclosure Style
1008836MEP	36.63	15.00	6.50	41.00	C
1008837MEP	36.63	15.00	6.50	26.00	C
UATH4203BFLMEP	19.00	10.50	4.94	18.00	A
UATH4203TFLMEP	19.00	10.50	4.94	18.00	A
UATH4213CFLMEP	19.00	13.00	4.94	18.00	A
UATH4213UFLMEP	19.00	13.00	4.94	18.00	A
UATH4300TFLMEP	34.50	13.00	4.94	39.00	F
UATH5203BFLMEP	19.00	10.50	4.94	17.00	A
UATH5203TFLMEP	19.00	10.50	4.94	17.00	A
UATH5213CFLMEP	19.00	13.00	4.94	18.00	A
UATH5213UFLMEP	19.00	13.00	4.94	18.00	A
UATH5300TFLMEP	34.50	13.00	4.94	18.00	A
UATH5330UFLMEP	39.88	20.00	6.50	36.00	C
UATH7203BFLMEP	19.00	10.50	4.94	18.00	A
UATH7203TFLMEP	19.00	10.50	4.94	18.00	A
UATH7213CFLMEP	19.00	13.00	5.00	18.00	A
UATH7213UFLMEP	19.00	13.00	5.00	18.00	A
UATH7300TFLMEP	34.50	15.00	5.69	23.00	F
UATH7300UFLMEP	34.50	15.00	5.69	23.00	C
UATRS202BFLMEP	14.00	8.00	4.38	11.00	A
UATRS212CFLMEP	14.00	11.00	4.38	9.00	A
UATRS213AFLMEP	15.00	11.00	4.38	9.00	A
UATRS213CFLMEP	15.00	11.00	4.38	9.00	A
UATRS223AFLMEP	13.00	13.00	4.38	10.00	D
UATZRS101CFLMEP	10.90	8.00	3.50	7.00	A
UT92197CCFLMEP	17.13	13.00	4.94	18.00	D
UTH4203BFLMEP	19.00	10.50	4.94	23.00	A
UTH4203TFLMEP	19.00	10.50	4.94	23.00	A
UTH4213CFLMEP	19.00	13.00	4.94	28.00	A
UTH4213UFLMEP	19.00	13.00	4.94	28.00	A
UTH4300TFLMEP	34.50	13.00	4.94	32.00	F
UTH5203BFLMEP	19.00	10.50	4.94	23.00	A
UTH5203TFLMEP	19.00	10.50	4.94	23.00	A
UTH5213CFLMEP	19.00	13.00	4.94	25.00	A
UTH5213UFLMEP	19.00	13.00	4.94	25.00	A
UTH5300TFLMEP	34.50	13.00	4.94	32.00	F
UTH5330UFLMEP	39.88	20.00	6.50	46.00	C
UTH7203BFLMEP	19.00	10.50	4.94	23.00	A
UTH7203TFLMEP	19.00	10.50	4.94	23.00	A
UTH7300TFLMEP	34.50	15.00	5.69	35.00	F
UTH7330UFLMEP	39.90	20.00	6.50	64.00	C
UTRS213AFLMEP	15.00	11.00	4.38	14.00	A
UTRS213CFLMEP	15.00	11.00	4.38	14.00	A
UTRS223AFLMEP	13.00	13.00	4.94	15.00	D
UTZRS101CFLMEP	10.88	8.00	3.50	7.00	A

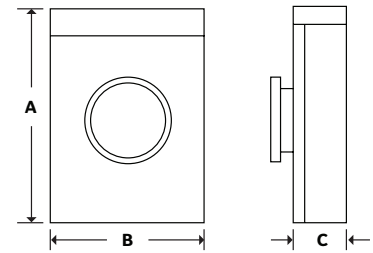


Figure A

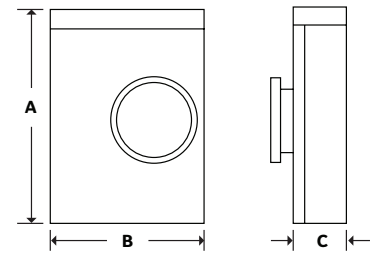


Figure C

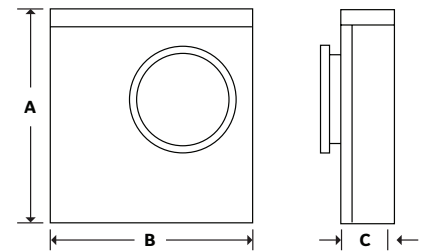


Figure D

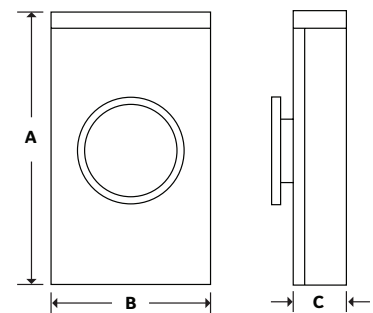


Figure F

Single Socket Metering—MEG Approved

Knockout Drawings and Dimensions

Model Number	Knockout Figure
1008836MEP	AF
1008837MEP	AF
UATH4203BFLMEP	Z
UATH4203TFLMEP	Z
UATH4213CFLMEP	AG
UATH4213UFLMEP	AG
UATH4300TFLMEP	O
UATH5203BFLMEP	Z
UATH5203TFLMEP	Z
UATH5213CFLMEP	N
UATH5213UFLMEP	N
UATH5300TFLMEP	O
UATH5330UFLMEP	V
UATH7203BFLMEP	Z
UATH7203TFLMEP	Z
UATH7213CFLMEP	O
UATH7213UFLMEP	O
UATH7300TFLMEP	O
UATH7300UFLMEP	O
UATRS202BFLMEP	AA
UATRS212CFLMEP	AB
UATRS213AFLMEP	AC
UATRS213CFLMEP	AC
UATRS223AFLMEP	Y
UATZRS101CFLMEP	W
UT92197CCFLMEP	AE
UTH4203BFLMEP	Z
UTH4203TFLMEP	Z
UTH4213CFLMEP	N
UTH4213UFLMEP	N
UTH4300TFLMEP	O
UTH5203BFLMEP	Z
UTH5203TFLMEP	Z
UTH5213CFLMEP	N
UTH5213UFLMEP	N
UTH5300TFLMEP	O
UTH5330UFLMEP	V
UTH7203BFLMEP	Z
UTH7203TFLMEP	Z
UTH7300TFLMEP	O
UTH7330UFLMEP	V
UTRS213AFLMEP	AC
UTRS213CFLMEP	AC
UTRS223AFLMEP	Y
UTZRS101CFLMEP	AD

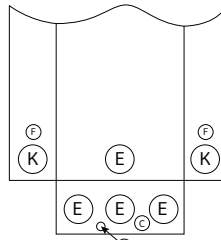


Figure N

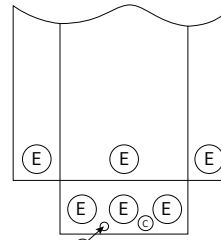


Figure O

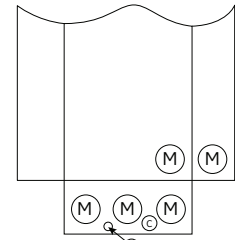


Figure V

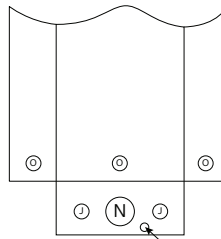


Figure W

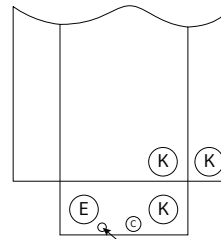


Figure Y

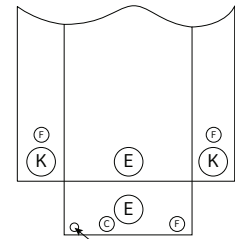


Figure Z

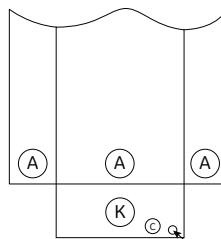


Figure AA

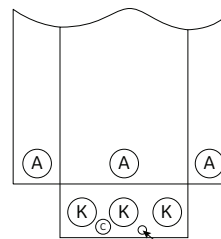


Figure AB

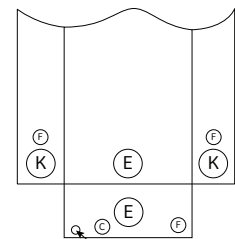


Figure AC

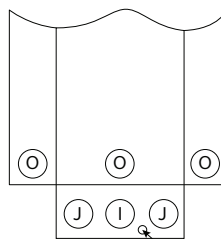


Figure AD

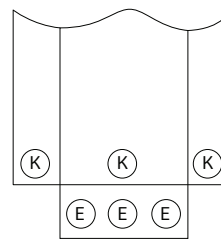


Figure AE

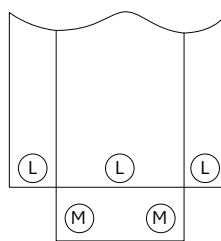


Figure AF

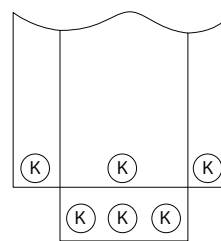


Figure AG

Knockout Dimensions (inches)
A = 1-1/2, 2, 2-1/2
C = 1/2
D = 5/16
E = 2M 2-1/2, 3
F = 1/2, 3/4
I = 1-1/4, 1-1/2, 2
J = 1/2, 3/4, 1, 1-1/4
K = 1, 1-1/4, 1-1/2, 2, 2-1/2
L = 2, 2-1/2, 3, 3-1/2
M = 2, 2-1/2, 3, 3-1/2
N = 1, 1-1/4, 1-1/2, 2
O = 1/2, 3/4, 1, 1-1/4, 1-1/2

Horizontal Metering—MEG 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 100A to 200A ratings and they have a compact vertical footprint. The products in this brochure meet all of the MEG utility specification requirements.

Specifications and Features

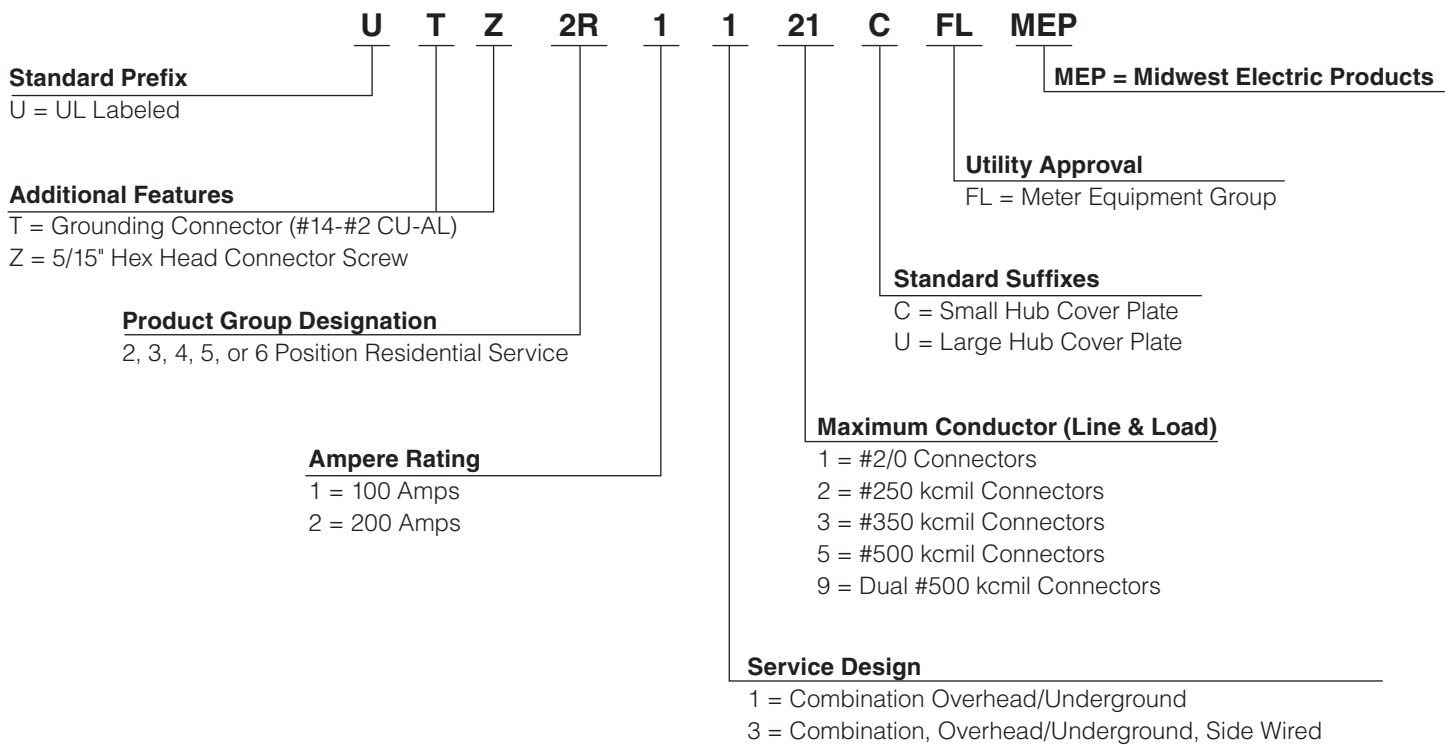
- Single Phase
- Top/Bottom Feed
- UL Listed
- Selected items are utility approved
- NEMA 3R enclosure
- Multiple hub opening and closure plate sizes available
- Hub opening in top endwall, requires use of a bolt-on hub or closing plate
- 1Ø, 600 Vac maximum
- Main lugs only



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

Horizontal Metering—MEG 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
100	2	UT2R1121CFLMEP	Center	Top/Bottom	#6-250MCM Line #8-2/0 Load	(1) #14-2	Y	4	N	N	Small Hub Cover Plate	G90 Steel	UL, MEG
	3	UTZ3R1121CFLMEP	Center	Top/Bottom	#6-250MCM Line #8-2/0 Load	(1) #14-2	Y	4	N	N	Small Hub Cover Plate		
	4	UTZ4R1121CFLMEP	Center	Top/Bottom	#6-250MCM Line #8-2/0 Load	(1) #14-2	Y	4	N	N	Small Hub Cover Plate		
	5	UTZ5R1121CFLMEP	Center	Top/Bottom	#6-250MCM Line #8-2/0 Load	(1) #14-2	Y	4	N	N	Small Hub Cover Plate		
	6	UTZ6R1131CFLMEP	Center	Top/Bottom	#6-350MCM Line #8-2/0 Load	(1) #14-2	Y	4	N	N	Small Hub Cover Plate		
200	2	UT2R2332UFLMEP	Center	Top/Bottom	#6-350MCM Line #8-250MCM Load	(1) #14-2	Y	4	N	N	Large Hub Cover Plate	G90 Steel	UL, MEG
	3	UT3R2332UFLMEP	Center	Top/Bottom	#6-350MCM Line #8-250MCM Load	(1) #14-2	Y	4	N	N	Large Hub Cover Plate		
	4	UT4R2352UFLMEP	Center	Top/Bottom	1/0-500MCM Line #8-250MCM Load	(1) #14-1/0	Y	4	N	N	Large Hub Cover Plate		
	5	UT5R2392UUFLMEP	Center	Top/Bottom	1/0-500MCM Line #8-250MCM Load	(1) #14-2/0	Y	4	N	N	(2) Large Hub Cover Plates		
	6	UT6R2392UUFLMEP	Center	Top/Bottom	1/0-500MCM Line #8-250MCM Load	(1) #14-2/0	Y	4	N	N	(2) Large Hub Cover Plates		

Horizontal Metering—MEG Approved

Enclosure Style

Model Number	Height (A) Inches	Width (B) Inches	Depth (C) Inches	Gross Weight lbs.	Enclosure Style
UTZ2R1121CFLMEP	14.13	24.31	4.50	27.00	D
UTZ3R1121CFLMEP	14.13	32.47	4.50	34.00	E
UTZ4R1121CFLMEP	14.13	40.63	4.50	42.00	H
UTZ5R1121CFLMEP	14.13	48.78	4.50	49.00	A
UTZ6R1131CFLMEP	14.13	56.94	4.50	56.00	B
UT2R2332UFLMEP	14.13	24.31	4.38	39.00	D
UT3R2332UFLMEP	14.13	32.75	5.38	39.00	I
UT4R2352UFLMEP	14.13	40.63	5.38	49.00	H
UT5R2392UUFLMEP	14.13	54.78	5.38	63.00	A
UT6R2392UUFLMEP	14.13	62.94	5.38	73.00	B

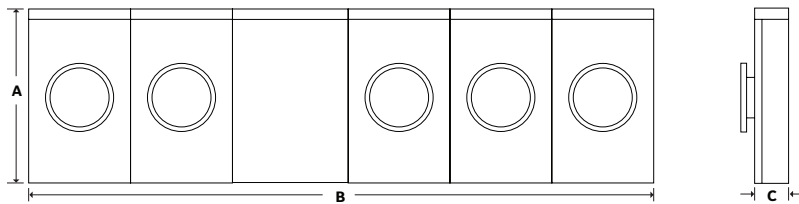


Figure A

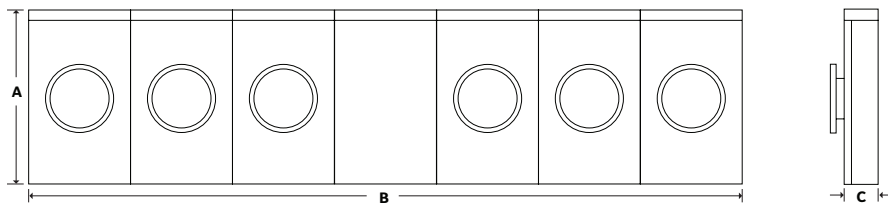


Figure B

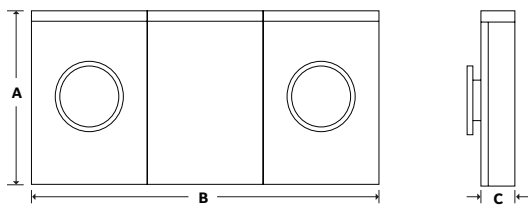


Figure D

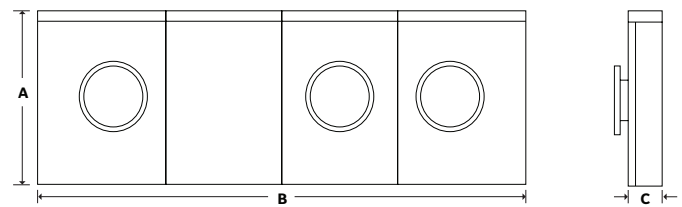


Figure E

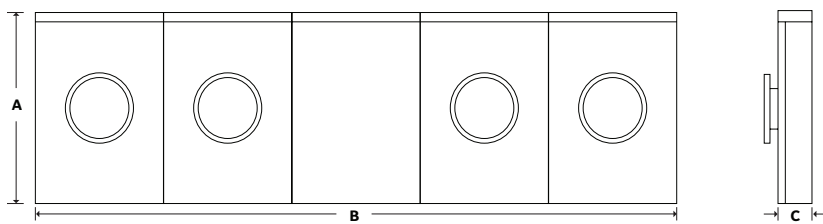


Figure H

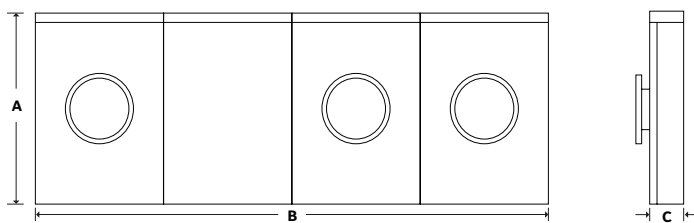
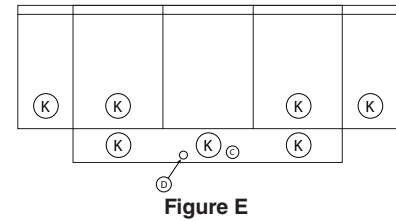
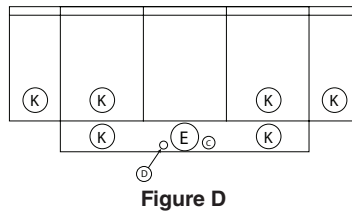
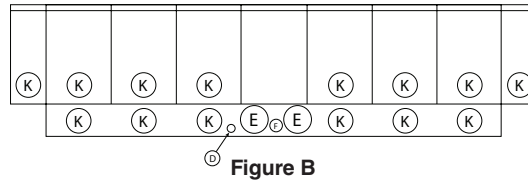
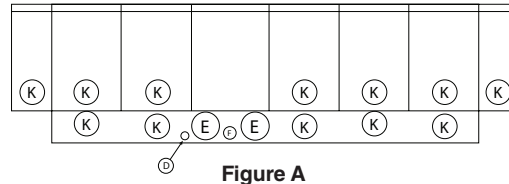


Figure I

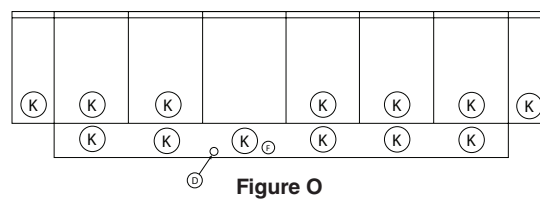
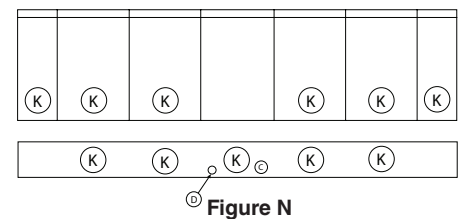
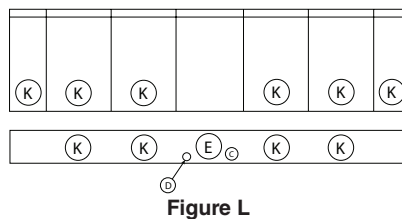
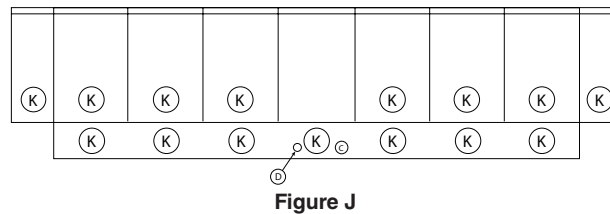
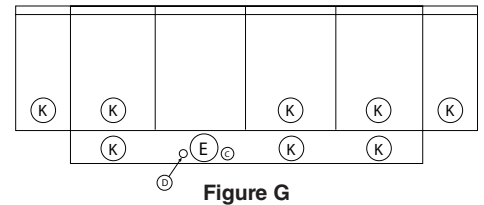
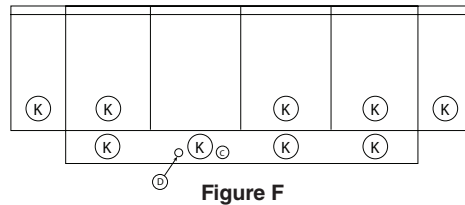
Horizontal Metering—MEG Approved

Knockout Drawings and Dimensions

Model Number	Knockout Figure
UTZ2R1121CFLMEP	E
UTZ3R1121CFLMEP	F
UTZ4R1121CFLMEP	N
UTZ5R1121CFLMEP	O
UTZ6R1131CFLMEP	J
UT2R2332UFLMEP	D
UT3R2332UFLMEP	G
UT4R2352UFLMEP	L
UT5R2392UUFLMEP	A
UT6R2392UUFLMEP	B



Knockout Dimensions (inches)
C = 1/2
D = 5/16
E = 2, 2-1/2, 3
F = 1/2, 3/4
K = 1, 1-1/4, 1-1/2, 2, 2-1/2



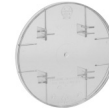
Single Socket and Horizontal Metering

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

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