

May 2007

Utilities Servicing North and South Carolina

Metering Equipment

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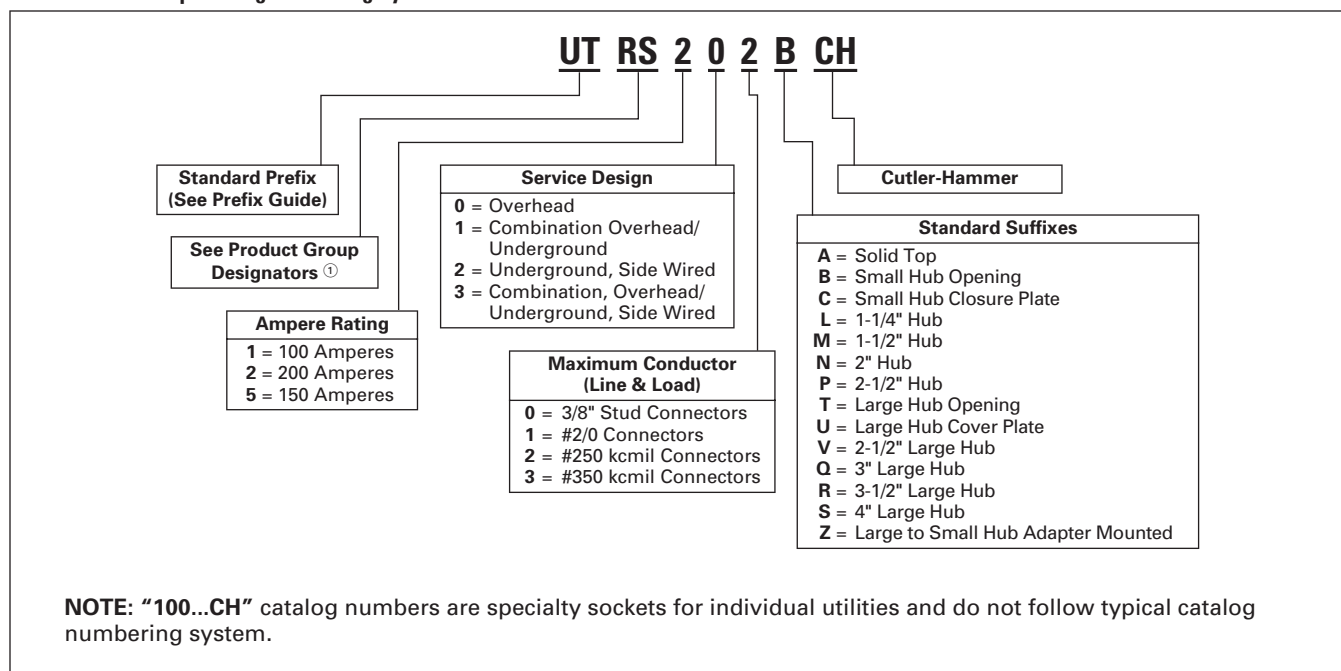
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Group Metering

Catalog Numbering System

Table 1. "RS" Group Catalog Numbering System



① "RS" Group = Residential Service, Single Position.

Note: Some sockets that are built for specific utilities have their own unique catalog numbers. These can be found on the utility selection pages.

Meter Socket "Prefix" Guide

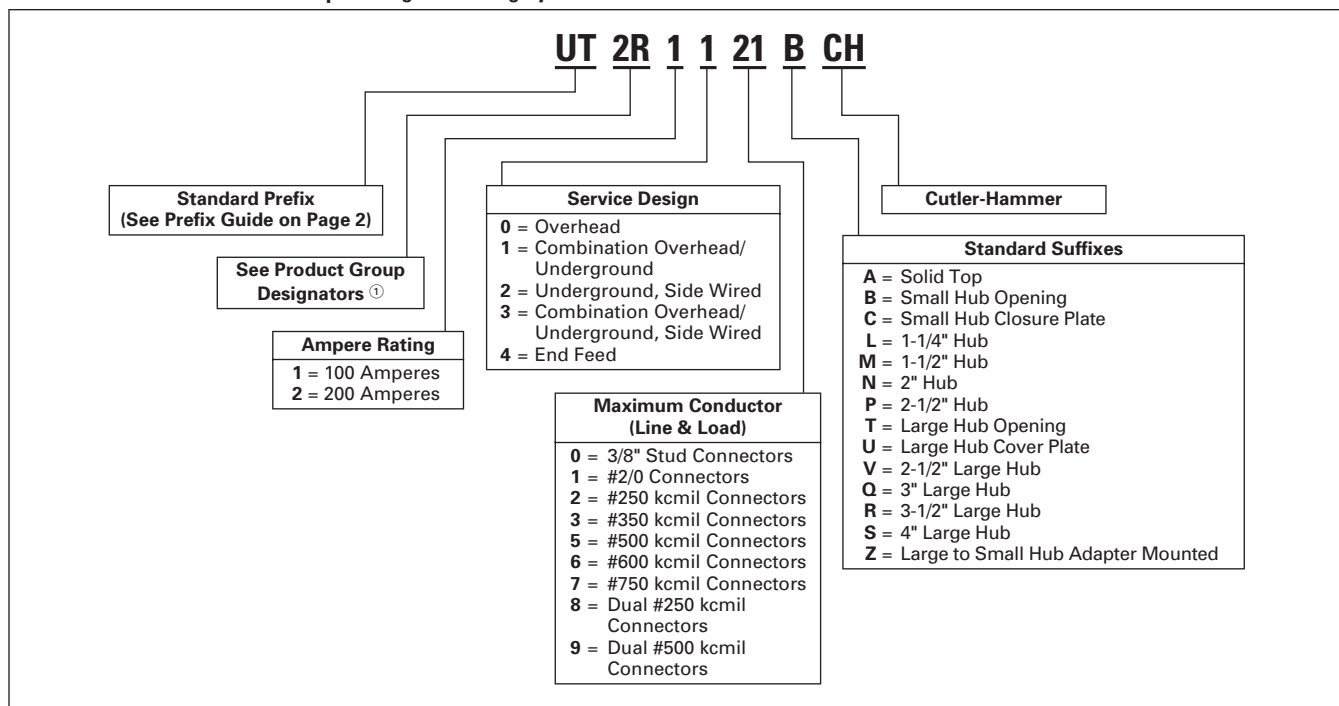
A	Aluminum enclosure
B	Barrel lock provision, for an exposed INNER-TITE® or Brooks barrel lock; unit includes an internal lock receiver bracket.
F	Barrel lock with guard provision, for a lock guard INNER-TITE or Brooks barrel lock; unit includes an internal lock receiver bracket.
G	Grounded fifth terminal (9 o'clock position)
H	Horn bypass
I	Inhibitor installed in wire connectors
M	Temporary meter cover (waxed cardboard)
N	No sealing ring (applies only to ring style sockets)
R	Ring style socket
S	Aluminum screw type sealing ring (applies only to ring style sockets)
T	Grounding connector (#14 – #2 Cu) for Tri-Plex ground
TT	Two (2) grounding connectors (#14 – #2 Cu) for Quad-Plex ground
U	UL® (Underwriters Laboratories) labeled
Z	5/16" Hex head connector screw in place of slotted (100 amperes only)

Note: The "U" prefix is always used first followed by other prefixes required in alphabetical order.

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Meter Socket Catalog Number Logic

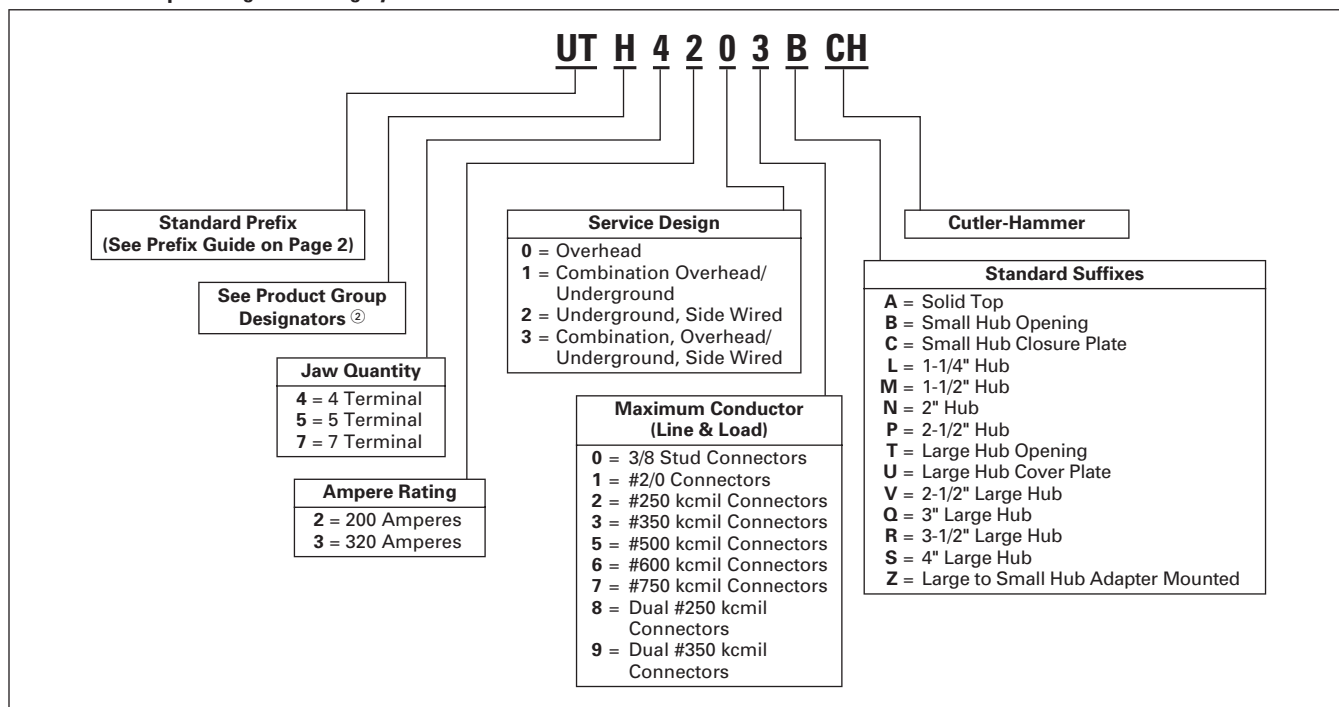
Table 2. "2R-6R" and "2H-6H" Group Catalog Numbering System



① "2R-6R" Group = Residential Service, Multiple Position.

"2H-6H" Group = Commercial or Residential Service, Multiple Position.

Table 3. "H" Group Catalog Numbering System



② "H" Group = Commercial or Residential Service, Single Position (lever bypass).

Note: "100...CH" catalog numbers are specialty sockets for individual utilities and do not follow typical catalog numbering system.

Product Selection by Utility

Duke Power Utility



**100 Ampere Single-Position
Meter Socket (UTRS101BCH)**



**320 Ampere Lever Bypass
Meter Socket (UTH4330UCH)**



**200 Ampere Lever Bypass
Meter Socket (UTH7213UCH)**



**200 Ampere Multi-Position
Meter Socket (UT3R2332TCH)**

Table 4. Duke Power Utility — Meter Socket Distributor Net Price Sheet

Cutler-Hammer Catalog Number	Description	Dimensions			Connections		Concentric Knockouts (See Page 7)				
		H	W	D	Line	Load	1	2	3	4	5
100 – 125 Ampere Single-Position — Residential											
UTRS101BCH	125 A, 4 Terminal, SM Hub Open, OH/UG ①	10.88	8.00	3.50	#8 – 2/0	#8 – 2/0	1.50	1.50	2.00	1.25	—
200 Ampere Single-Position — Residential											
UTRS202BCH	200 A, 4 Terminal, SM Hub Open, OH ①	14.00	8.00	4.38	#8 – 250 kcmil	#8 – 250 kcmil	2.50	2.50	2.50	—	.50
UTRS213CCH	200 A, 4 Terminal, SM Hub Cover Plate, OH/UG ①	15.00	11.00	4.38	#8 – 350 kcmil	#8 – 350 kcmil	2.50	2.50	2.50	2.50	.50
UTRS223ACH	200 A, 4 Terminal, Solid Top, UG ①	13.00	13.00	5.00	#8 – 350 kcmil	#8 – 350 kcmil	2.50	2.50	3.00	2.50	.50
320 Ampere Commercial — Residential w/ Lever Bypass											
UTH4330UCH	320 A, 4 Terminal, LG Hub Cover Plate, OH/UG ①②	36.63	15.00	5.69	3/8" Stud	3/8" Stud	3.50	3.50	3.50	3.50	.50
UTH4338UCH	320 A, 4 Terminal, LG Hub Cover Plate, OH/UG ①②	36.63	15.00	5.69	Dual 250 kcmil	Dual 250 kcmil	3.50	3.50	3.50	3.50	.50
UTH4339UCH	320 A, 4 Terminal, LG Hub Cover Plate, OH/UG ①②	36.63	15.00	5.69	Dual 350 kcmil	Dual 350 kcmil	3.50	3.50	3.50	3.50	.50
200 Ampere Single-Position — Commercial w/ Lever Bypass											
UTH5213C or UCH	200 A, 5 Terminal, SM or LG Hub Cover Plate, OH/UG ①②	19.00	13.00	5.00	#6 – 350 kcmil	#6 – 350 kcmil	3.00	2.50	3.00	3.00	.50
UTH7213C or UCH	200 A, 7 Terminal, SM or LG Hub Cover Plate, OH/UG ①②	19.00	13.00	5.00	#6 – 350 kcmil	#6 – 350 kcmil	3.00	2.50	3.00	3.00	.50
320 Ampere Single-Position — Commercial w/ Lever Bypass											
1009181CH	320 A, 7 Terminal, LG Hub Closure Plate, OH ①④	34.50	15.00	5.69	⑤	⑤	3.50	3.50	3.50	3.50	.50
1008543CH	320 A, 7 Terminal, LG Hub Closure Plate, OH/UG ①④	39.88	20.00	6.50	⑤	⑤	4.00	4.00	4.00	4.00	.50
100 Ampere Multi-Position — Residential											
UT2R1121BCH	100 A, 2 Position, SM Hub Open, OH/UG, Center Feed ①	14.13	24.31	4.50	#6 – 250 kcmil	#8 – 2/0	2.50	2.50	2.50	2.50	.50
UT3R1121BCH	100 A, 3 Position, SM Hub Open, OH/UG, Center Feed ①	14.13	32.47	4.50	#6 – 250 kcmil	#8 – 2/0	2.50	2.50	2.50	2.50	.50
UT4R1121BCH	100 A, 4 Position, SM Hub Open, OH/UG, Center Feed ①	14.13	40.63	4.50	#6 – 250 kcmil	#8 – 2/0	2.50	2.50	2.50	2.50	.50
UT5R1121BCH	100 A, 5 Position, SM Hub Open, OH/UG, Center Feed ①	14.13	48.78	4.50	#6 – 250 kcmil	#8 – 2/0	2.50	2.50	2.50	2.50	.50
UT6R1131BCH	100 A, 6 Position, SM Hub Open, OH/UG, Center Feed ①	14.13	56.94	4.50	#6 – 350 kcmil	#8 – 2/0	2.50	2.50	2.50	2.50	.50
200 Ampere Multi-Position — Residential											
UT2R2332TCH	200 A, 2 Position, LG Hub Open, OH/UG, Center Feed ①	14.13	24.31	5.38	#6 – 350 kcmil	#8 – 250 kcmil	2.50	2.50	3.00	2.50	.50
UT3R2332TCH	200 A, 3 Position, LG Hub Open, OH/UG, Center Feed ①	14.13	32.47	5.38	#6 – 350 kcmil	#8 – 250 kcmil	2.50	2.50	3.00	2.50	.50
UT4R2352TCH	200 A, 4 Position, LG Hub Open, OH/UG, Center Feed ①	14.13	40.63	5.38	1/0 – 500 kcmil	#8 – 250 kcmil	2.50	2.50	3.00	2.50	.75
UT5R2392TTCH	200 A, 5 Position, LG Hub Open, OH/UG, Center Feed ①	14.13	54.78	5.38	1/0 – 500 kcmil	#8 – 250 kcmil	2.50	2.50	3.00	2.50	.75
UT6R2392TTCH	200 A, 6 Position, LG Hub Open, OH/UG, Center Feed ①	14.13	62.94	5.38	1/0 – 500 kcmil	#8 – 250 kcmil	2.50	2.50	3.00	2.50	.75

① Ground connection.

③ Steel enclosure.

⑤ Single #600 kcmil/Dual #250 kcmil.

② Lever bypass.

④ Anti inversion clip installed.

Note: "100...CH" catalog numbers are specialty sockets for individual utilities and do not follow typical catalog numbering system.

Table 5. Cutler-Hammer Meter Socket Accessories

Cutler-Hammer Catalog Number	Description	Cutler-Hammer Catalog Number	Description
ARP00003CH1	1.00-Inch Hub	ARP00008CH	Small Hub Closure Plate — Aluminum
ARP00004CH12	1.25-Inch Hub	ARP00016CHB	Large Hub Closure Plate
ARP00005CH15	1.50-Inch Hub	ARP00015CHAP	Hub Adapter Plate — Large to Small
ARP00006CH2	2.00-Inch Hub — Small Opening	ARP00035CHJ	Replacement — Plug-in Fifth Terminal (R and RS Models Only)
ARP00007CH25	2.50-Inch Hub — Small Opening	ARP00039CH	Replacement Block Assembly for 100 A Sockets — 2/0 Maximum
ARP00017CH2	2.00-Inch Hub — Large Opening	ARP00048CH	Replacement Block Assembly for 200 A Sockets — 350 Maximum
ARP00018CH25	2.50-Inch Hub — Large Opening	ARP00354CH	Replacement Block Assembly for 150 A Sockets — 250 Maximum
ARP00019CH3	3.00-Inch Hub — Large Opening	ARP00129CH	#4 – 600 kcmil Lug
ARP00021CH4	4.00-Inch Hub — Large Opening	ARP00427CH	#6 – 350 kcmil Dual Lug
ARP00002CHB	Small Hub Closure Plate	ARP00119CH	#6 – 350 kcmil Lug

May 2007

Product Selection by Utility

Carolina Power & Light Company (Progress Energy)

100 Ampere Single-Position
Meter Socket (URS101BCPLCH)320 Ampere Lever Bypass
Meter Socket (UH7330TCPLCH)200 Ampere Lever
Bypass200 Ampere Multi-Position Meter
Socket (U3R2332TCPLCH)

Table 6. Carolina Power & Light Company (Progress Energy) — Meter Socket Distributor Net Price Sheet

Cutler-Hammer Catalog Number	Description	Dimensions			Connections		Concentric Knockouts (See Page 7)				
		H	W	D	Line	Load	1	2	3	4	5
100 – 125 Ampere Single-Position — Residential											
URS101BCPLCH	125 A, 4 Terminal, SM Hub Open, OH/UG ①	10.88	8.00	3.50	#8 – 2/0	#8 – 2/0	1.50	1.50	2.00	1.25	—
200 Ampere Single-Position — Residential											
U92197CCPLCH	200 A, 4 Terminal, SM Hub Cover Plate, OH/UG ①②③	17.13	13.00	4.94	#8 – 350 kcmil	#8 – 350 kcmil	2.50	2.50	3.00	3.00	.50
URS233CCPLCH	200 A, 4 Terminal, SM Hub Cover Plate, OH/UG ④	17.13	13.00	4.94	#8 – 350 kcmil	#8 – 350 kcmil	2.50	2.50	3.00	3.00	.50
320 Ampere Commercial — Residential w/ Lever Bypass											
UH43068TCPLCH	320 A, 4 Terminal, LG Hub Open, OH ①⑤	34.50	13.00	4.94	#4 – 600 kcmil	Dual 250 kcmil	3.00	3.00	3.00	3.00	.50
UH43168UCPLCH	320 A, 4 Terminal, LG Hub Cover Plate, OH/UG ①⑤	34.50	15.00	5.68	#4 – 600 kcmil	Dual #6 – 250 kcmil	3.50	3.50	3.50	3.50	.50
UH7330TCPLCH	320 A, 7 Terminal, LG Hub Open, OH/UG ①⑤	39.88	20.00	6.50	3/8" Stud	3/8" Stud	4.00	4.00	4.00	4.00	.50
200 Ampere Single-Position — Commercial w/ Lever Bypass											
UH5213TCPLCH	200 A, 5 Terminal, LG Hub Open, OH/UG ①⑤	19.00	13.00	5.00	#6 – 350 kcmil	#6 – 350 kcmil	3.00	2.50	3.00	3.00	.50
UH7213TCPLCH	200 A, 7 Terminal, LG Hub Open, OH/UG ①⑤	19.00	13.00	5.00	#6 – 350 kcmil	#6 – 350 kcmil	3.00	2.50	3.00	3.00	.50
200 Ampere Multi-Position — Residential Single-Phase											
U2R2332TCPLCH	200 A, 2 Position, LG Hub Open, OH/UG ①⑥	14.13	24.31	5.38	#6 – 350 kcmil	#8 – 250 kcmil	2.50	2.50	3.00	2.50	.50
U3R2332TCPLCH	200 A, 3 Position, LG Hub Open, OH/UG ①⑥	14.13	32.47	5.38	#6 – 350 kcmil	#8 – 250 kcmil	2.50	2.50	3.00	2.50	.50
U4R2352TCPLCH	200 A, 4 Position, LG Hub Open, OH/UG ①⑥	14.13	40.63	5.38	1/0 – 500 kcmil	#8 – 250 kcmil	2.50	2.50	3.00	2.50	.75
U5R2392TTCPCH	200 A, 5 Position, LG Hub Open, OH/UG ①⑥	14.13	54.78	5.38	1/0 – 500 kcmil	#8 – 250 kcmil	2.50	2.50	3.00	2.50	.75
U6R2392TTCPCH	200 A, 6 Position, LG Hub Open, OH/UG ①⑥	14.13	62.94	5.38	1/0 – 500 kcmil	#8 – 250 kcmil	2.50	2.50	3.00	2.50	.75
400 – 600 Ampere Residential/Commercial K Base — 3-Phase											
CH9571K7	480/600 A, 7 Terminal, LG Hub Cover Plate, OH ⑦	43.00	20.25	6.18	1/2 – 20" Stud	1/2 – 20" Stud	4.00	4.00	4.00	4.00	.75
CH9572K7	480/600 A, 7 Terminal, LG Hub Cover Plate, UG ⑦	43.00	20.25	6.18	1/2 – 20" Stud	1/2 – 20" Stud	4.00	4.00	4.00	4.00	.75

① Ground connection.

② Offset design.

③ Meter left.

④ Meter right.

⑤ Lever bypass.

⑥ Center feed.

⑦ Steel enclosure.

Table 7. Cutler-Hammer Meter Socket Accessories

Cutler-Hammer Catalog Number	Description	Cutler-Hammer Catalog Number	Description
ARP00003CH1	1.00-Inch Hub	ARP00008CH	Small Hub Closure Plate — Aluminum
ARP00004CH12	1.25-Inch Hub	ARP00016CHB	Large Hub Closure Plate
ARP00005CH15	1.50-Inch Hub	ARP00015CHAP	Hub Adapter Plate — Large to Small
ARP00006CH2	2.00-Inch Hub — Small Opening	ARP00035CHJ	Replacement — Plug-in Fifth Terminal (R and RS Models Only)
ARP00007CH25	2.50-Inch Hub — Small Opening	ARP00039CH	Replacement Block Assembly for 100 A Sockets — 2/0 Maximum
ARP00017CH2	2.00-Inch Hub — Large Opening	ARP00048CH	Replacement Block Assembly for 200 A Sockets — 350 Maximum
ARP00018CH25	2.50-Inch Hub — Large Opening	ARP00354CH	Replacement Block Assembly for 150 A Sockets — 250 Maximum
ARP00019CH3	3.00-Inch Hub — Large Opening	ARP00129CH	#4 – 600 kcmil Lug
ARP00021CH4	4.00-Inch Hub — Large Opening	ARP00427CH	#6 – 350 kcmil Dual Lug
ARP00002CHB	Small Hub Closure Plate	ARP00119CH	#6 – 350 kcmil Lug

South Carolina Electric & Gas



**100 Ampere Single-Position
Meter Socket (UTRS101BCH)**



**200 Ampere Single-Position
Meter Socket (UTRS213CCH)**



**200 Ampere Lever Bypass
Meter Socket (UTH7213BCH)**



**200 Ampere Multi-Position
Meter Socket (UT3R2332TCH)**

Table 8. South Carolina Electric & Gas — Meter Socket Distributor Net Price Sheet

Cutler-Hammer Catalog Number	Description	Dimensions			Connections		Concentric Knockouts (See Page 7)				
		H	W	D	Line	Load	1	2	3	4	5
100 – 125 Ampere Single-Position — Residential											
UTRS101BCH	125 A, 4 Terminal, SM Hub Open, OH/UG ①	10.88	8.00	3.50	#8 – 2/0	#8 – 2/0	1.50	1.50	2.00	1.25	—
UTRS101CCH	125 A, 4 Terminal, SM Hub Cover Plate, OH/UG ①	10.88	8.00	3.50	#8 – 2/0	#8 – 2/0	1.50	1.50	2.00	1.25	—
200 Ampere Single-Position — Residential											
UTRS202BCH	200 A, 4 Terminal, SM Hub Open, OH ①	14.00	8.00	4.38	#8 – 250 kcmil	#8 – 250 kcmil	2.50	2.50	2.50	—	.50
UTRS213BCH	200 A, 4 Terminal, SM Hub Open, OH/UG ①	15.00	11.00	4.38	#8 – 350 kcmil	#8 – 350 kcmil	2.50	2.50	2.50	2.50	.50
UTRS213CCH	200 A, 4 Terminal, SM Hub Cover Plate, OH/UG ①	15.00	11.00	4.38	#8 – 350 kcmil	#8 – 350 kcmil	2.50	2.50	2.50	2.50	.50
UTRS223ACH	200 A, 4 Terminal, Solid Top, UG ①	13.00	13.00	5.00	#8 – 350 kcmil	#8 – 350 kcmil	2.50	2.50	3.00	2.50	.50
200 Ampere Single-Position — Commercial w/ Lever Bypass											
UTH5213B or TCH	200 A, 5 Terminal, SM or LG Hub Open, OH/UG ①②	19.00	13.00	5.00	#6 – 350 kcmil	#6 – 350 kcmil	3.00	2.50	3.00	3.00	.50
UTH7213B or TCH	200 A, 7 Terminal, SM or LG Hub Open, OH/UG ①②	19.00	13.00	5.00	#6 – 350 kcmil	#6 – 350 kcmil	3.00	2.50	3.00	3.00	.50
100 Ampere Multi-Position — Residential											
UT2R1121BCH	100 A, 2 Position, SM Hub Open, OH/UG ①③	14.13	24.31	4.50	#6 – 250 kcmil	#8 – 2/0	2.50	2.50	2.50	2.50	.50
UT3R1121BCH	100 A, 3 Position, SM Hub Open, OH/UG ①③	14.13	32.47	4.50	#6 – 250 kcmil	#8 – 2/0	2.50	2.50	2.50	2.50	.50
UT4R1121BCH	100 A, 4 Position, SM Hub Open, OH/UG ①③	14.13	40.63	4.50	#6 – 250 kcmil	#8 – 2/0	2.50	2.50	2.50	2.50	.50
UT5R1121BCH	100 A, 5 Position, SM Hub Open, OH/UG ①③	14.13	48.78	4.50	#6 – 250 kcmil	#8 – 2/0	2.50	2.50	2.50	2.50	.50
UT6R1131BCH	100 A, 6 Position, SM Hub Open, OH/UG ①③	14.13	56.94	4.50	#6 – 350 kcmil	#8 – 2/0	2.50	2.50	2.50	2.50	.50
200 Ampere Multi-Position — Residential											
UT2R2332TCH	200 A, 2 Position, LG Hub Open, OH/UG ①③	14.13	24.31	5.38	#6 – 350 kcmil	#8 – 250 kcmil	2.50	2.50	3.00	2.50	.50
UT3R2332TCH	200 A, 3 Position, LG Hub Open, OH/UG ①③	14.13	32.47	5.38	#6 – 350 kcmil	#8 – 250 kcmil	2.50	2.50	3.00	2.50	.50
UT4R2352TCH	200 A, 4 Position, LG Hub Open, OH/UG ①③	14.13	40.63	5.38	1/0 – 500 kcmil	#8 – 250 kcmil	2.50	2.50	3.00	2.50	.75
UT5R2392TTCH	200 A, 5 Position, LG Hub Open, OH/UG ①③	14.13	54.78	5.38	1/0 – 500 kcmil	#8 – 250 kcmil	2.50	2.50	3.00	2.50	.75
UT6R2392TTCH	200 A, 6 Position, LG Hub Open, OH/UG ①③	14.13	62.94	5.38	1/0 – 500 kcmil	#8 – 250 kcmil	2.50	2.50	3.00	2.50	.75
400 – 600 Ampere Residential/Commercial K Base — Single-Phase											
CH8507K4	400 A, 4 Terminal, LG Hub Cover Plate, OH/UG ④	36.00	12.80	6.05	1/2 – 20" Stud	1/2 – 20" Stud	3.50	3.50	4.00	4.00	.75
CH9404K5	480/600 A, 5 Terminal, LG Hub Cover Plate, OH/UG ④	43.00	20.25	6.18	1/2 – 20" Stud	1/2 – 20" Stud	4.00	4.00	4.00	4.00	.75
400 – 600 Ampere Residential/Commercial K Base — 3-Phase											
CH9504K7	480/600 A, 7 Terminal, LG Hub Cover Plate, OH/UG ④	43.00	20.25	6.18	1/2 – 20" Stud	1/2 – 20" Stud	4.00	4.00	4.00	4.00	.75

① Ground connection.

② Lever bypass.

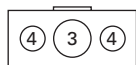
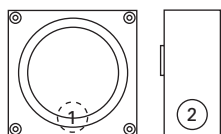
③ Center feed.

④ Steel enclosure.

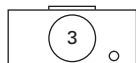
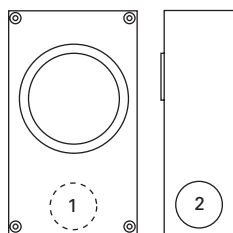
Table 9. Cutler-Hammer Meter Socket Accessories

Cutler-Hammer Catalog Number	Description	Cutler-Hammer Catalog Number	Description
ARP00003CH1	1.00-Inch Hub	ARP00008CH	Small Hub Closure Plate — Aluminum
ARP00004CH12	1.25-Inch Hub	ARP00016CHB	Large Hub Closure Plate
ARP00005CH15	1.50-Inch Hub	ARP00015CHAP	Hub Adapter Plate — Large to Small
ARP00006CH2	2.00-Inch Hub — Small Opening	ARP00035CHJ	Replacement — Plug-in Fifth Terminal (R and RS Models Only)
ARP00007CH25	2.50-Inch Hub — Small Opening	ARP00039CH	Replacement Block Assembly for 100 A Sockets — 2/0 Maximum
ARP00017CH2	2.00-Inch Hub — Large Opening	ARP00048CH	Replacement Block Assembly for 200 A Sockets — 350 Maximum
ARP00018CH25	2.50-Inch Hub — Large Opening	ARP00354CH	Replacement Block Assembly for 150 A Sockets — 250 Maximum
ARP00019CH3	3.00-Inch Hub — Large Opening	ARP00129CH	#4 – 600 kcmil Lug
ARP00021CH4	4.00-Inch Hub — Large Opening	ARP00427CH	#6 – 350 kcmil Dual Lug
ARP00002CHB	Small Hub Closure Plate	ARP00119CH	#6 – 350 kcmil Lug

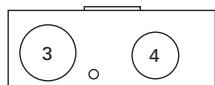
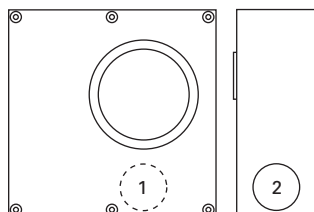
Knockout Drawings



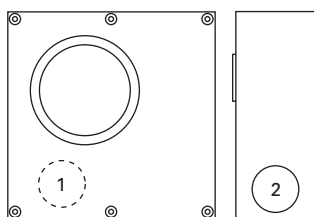
UTRS101BCH



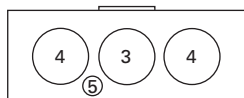
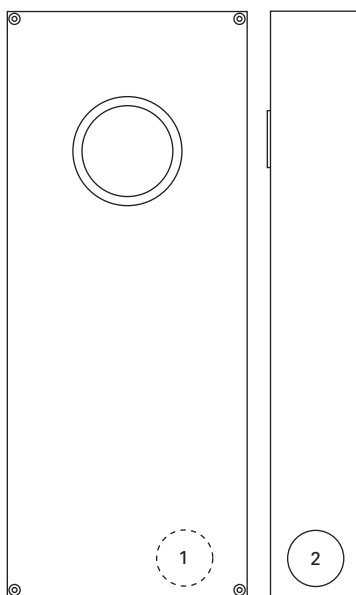
UTRS202BCH



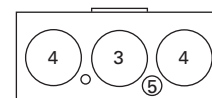
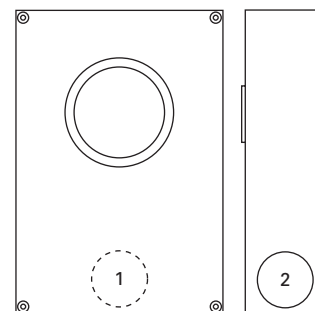
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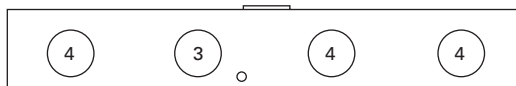
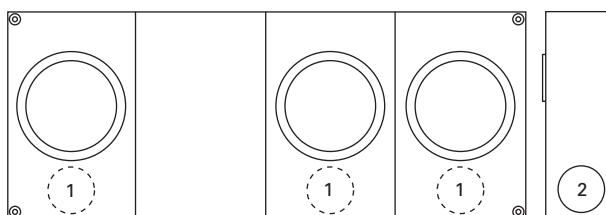
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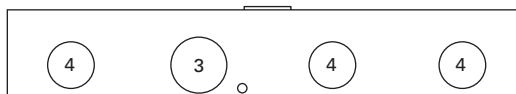
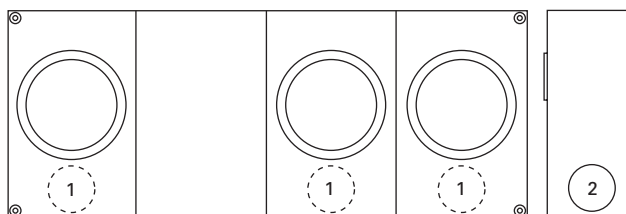
UTH4330TCH/UTH4330UCH



UTH5213B or TCH



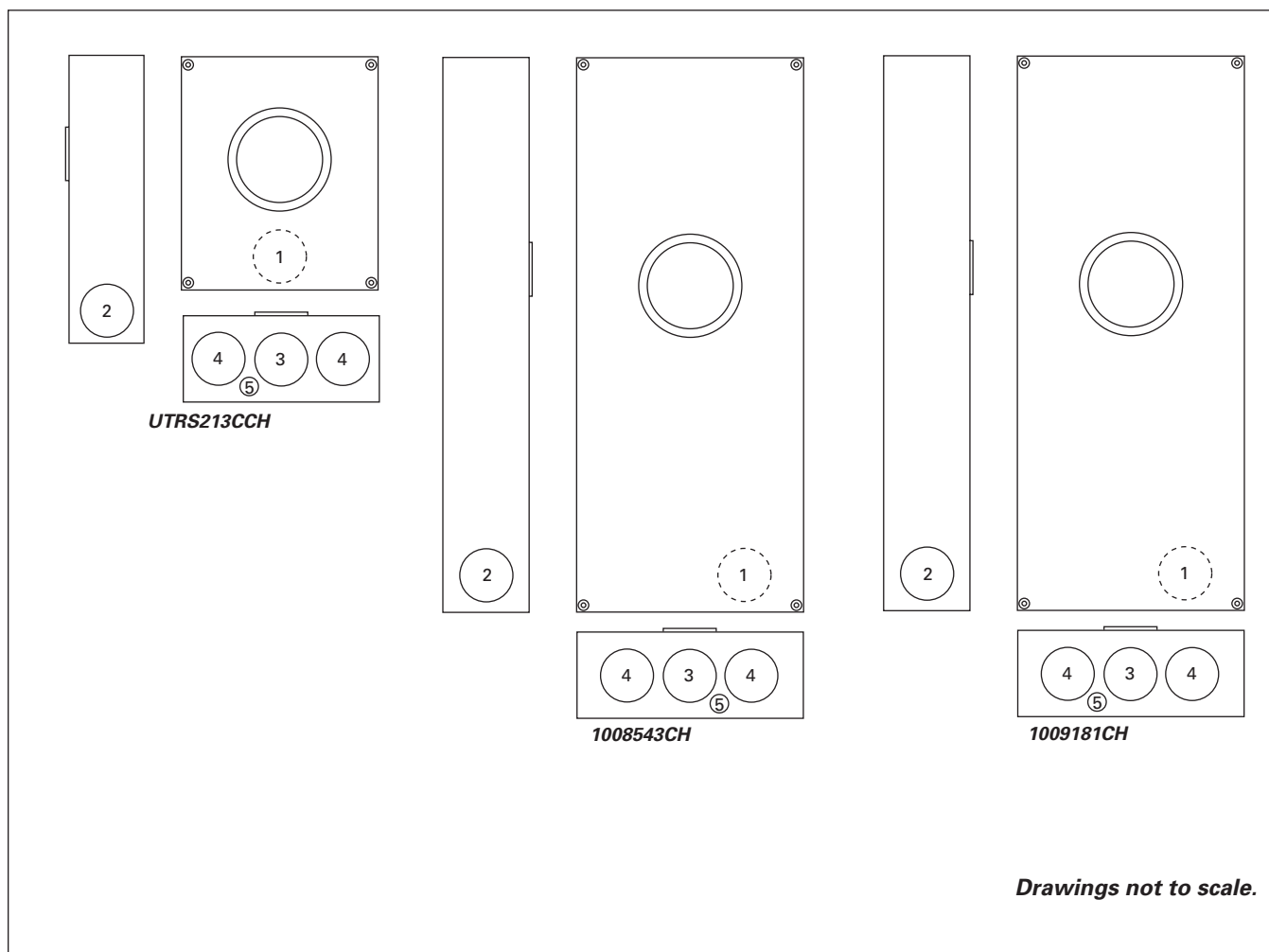
UT3R1121BCH



UT3R2332TCH

Drawings not to scale.

Figure 1. Knockout Drawings

Technical Data**Figure 2. Knockout Drawings**

Product Description

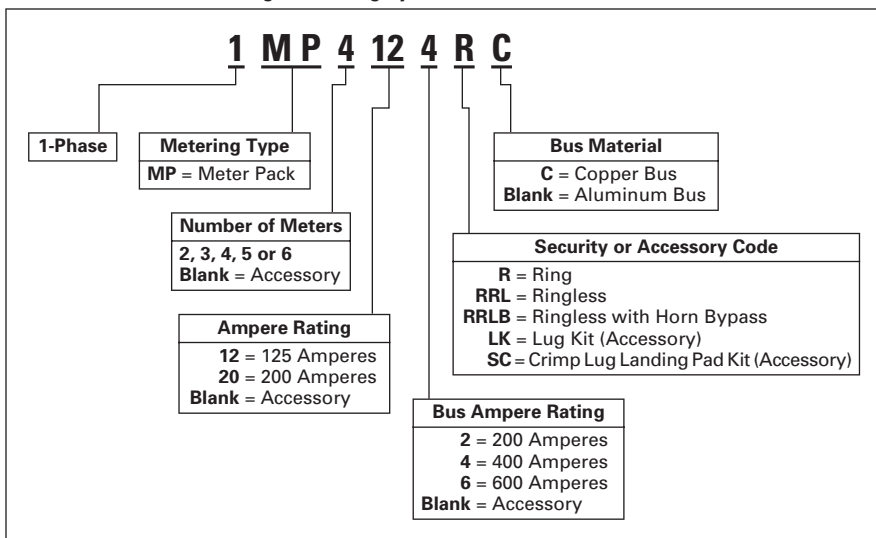


Meter Pack

- Cutler-Hammer 1MP units by Eaton Electrical are self-contained (main terminal box included) for installations requiring up to six meter socket positions in a single enclosure.
- Units are not gangable with any other metering device.
- Approved by major power companies, UL listed, suitable as service equipment and meets the service and electrical requirements of EUSERC and CECHA.
- Series rating up to 100 kAIC.
- All ringless cover devices include fifth jaw as standard.
- Ring type devices do not include fifth jaw as standard. Order **1MM5JK** if needed.
- Bondable neutral.
- 120/240 Vac, single-phase, 3-wire metering device.
- Up to 600 amperes maximum horizontal bus rating.
- Incoming lugs not included (phase A, phase B, and neutral).
- Indoor/outdoor construction.
- Provision for 2-pole breaker (plug-on type for 125 ampere sockets and bolt-on type for 200 ampere sockets) — circuit breakers not included.
- Underground incoming feed.
- Aluminum or copper bus.

Product Selection

Table 10. Meter Pack Catalog Numbering System



When Ordering:

1. Determine catalog number of the basic device.
2. Include Lug Kit for incoming section. See **Table 14**.
3. Find quantity and catalog numbers for tenant circuit breakers. (Order one breaker per socket.) See **Page 11**.
4. Select required accessories. See **Page 14**.

Table 11. Meter Packs — Aluminum Bus

Socket Ampere Rating	Number of Meter Sockets	Bus Ampere Rating	Main Tenant Breaker Type ^①	Catalog Number	Semi-flush Flange Kit Catalog Number
Ringless Style Meter Socket Covers^②					
125	2	200	Plug-on Type	1MP2122RRL ③④	1MPSFK1
	2	200	Plug-on Type	1MP2122RRLC	1MPSFK1
	3	400	BR_	1MP3124RRL	1MPSFK2
	4	400	BRH_	1MP4124RRL	1MPSFK2
	5	600	BRHH_	1MP5126RRL	1MPSFK3
	6	600	—	1MP6126RRL	1MPSFK3
200	2	400	Bolt-on Type	1MP2204RRL	1MPSFK4
	3	600	CC2_X	1MP3206RRL	1MPSFK5
	4	600	CHH2_H2X	1MP4206RRL	1MPSFK5
	5	600	CHH2_H4X	1MP5206RRL	1MPSFK6
	6	600	CHH_X	1MP6206RRL	1MPSFK6
	6	600	CHH_X	1MP6206RRL	1MPSFK6
Ringless Style Covers with Horn Bypass^②					
125	2	200	Plug-on Type	1MP2122RRLB ③④⑤	1MPSFK1
	2	200	Plug-on Type	1MP2122RRLBC ⑤	1MPSFK1
	3	400	BR_	1MP3124RRLB ⑤	1MPSFK2
	4	400	BRH_	1MP4124RRLB ⑤	1MPSFK2
	5	600	BRHH_	1MP5126RRLB ⑤	1MPSFK3
	6	600	—	1MP6126RRLB ⑤	1MPSFK3
200	2	400	Bolt-on Type	1MP2204RRLB ⑤	1MPSFK4
	3	600	CC2_X	1MP3206RRLB ⑤	1MPSFK5
	4	600	CHH2_H2X	1MP4206RRLB	1MPSFK5
	5	600	CHH2_H4X	1MP5206RRLB ⑤	1MPSFK6
	6	600	CHH_X	1MP6206RRLB ⑤	1MPSFK6
	6	600	CHH_X	1MP6206RRLB ⑤	1MPSFK6

① See **Table 16**.

② Fifth jaw factory installed at 9 o'clock position.

③ Main lugs included. #6 – 300 kcmil. (Optional lugs are not available.)

④ Bottom feed only.

⑤ CECHA approved.

Note: See **Table 14** for Main Lug Kit Selection. See **Table 15** for Wire Sizes.

Meter Packs

Table 12. Meter Packs — Copper Bus

Socket Ampere Rating	Number of Meter Sockets	Bus Ampere Rating	Main Tenant Breaker Type ^①	Catalog Number	Semi-flush Flange Kit Catalog Number
Ringless Style Meter Socket Covers ^②					
125	3	400	Plug-on Type	1MP3124RRLC	1MPSFK2
	4	400	BR_	1MP4124RRLC	1MPSFK2
	5	600	BRH_	1MP5126RRLC	1MPSFK3
	6	600	BRHH_	1MP6126RRLC	1MPSFK3
200	2	400	Bolt-on Type	1MP2204RRLC	1MPSFK4
	3	600	CC2_X	1MP3206RRLC	1MPSFK5
	4	600	CHH2_H2X	1MP4206RRLC	1MPSFK5
	5	600	CHH2_H4X	1MP5206RRLC	1MPSFK6
	6	600	CHH_X	1MP6206RRLC	1MPSFK6

Ringless Style Covers with Horn Bypass ^{②③}

125	3	400	Plug-on Type	1MP3124RRLCB	1MPSFK2
	4	400	BR_	1MP4124RRLCB	1MPSFK2
	5	600	BRH_	1MP5126RRLCB	1MPSFK3
	6	600	BRHH_	1MP6126RRLCB	1MPSFK3
200	2	400	Bolt-on Type	1MP2204RRLCB	1MPSFK4
	3	600	CC2_X	1MP3206RRLCB	1MPSFK5
	4	600	CHH2_H2X	1MP4206RRLCB	1MPSFK5
	5	600	CHH2_H4X	1MP5206RRLCB	1MPSFK6
	6	600	CHH_X	1MP6206RRLCB	1MPSFK6

^① See Table 16.

^② Fifth jaw factory installed at 9 o'clock position.

^③ CECHA approved.

Table 13. CECHA Approved Meter Socket Accessories

Description	Catalog Number
Pedestal Trough Raceway for Underground Services ^④	
36.00-Inch Pedestal Trough Raceway (36.00" H 9.00" W 4.25" D)	1008934CH
Adapter Plates	
Adapter Plate for 2 – 4 Gang	1MP34EW125
Adapter Plate for 5 – 6 Gang	1MP56EW125

^④ Bottom raceway adapter plates required.

Table 14. Main Lug Kit Selection — Field Installed Kits for Either 400 or 600 Ampere Main Bus

Line Lug and Wire Sizes Order Separately and Field Install	Line Lug Kit Catalog Number Order Three Kits (For Two Lines and Neutral)
(1) #6 – 600 kcmil or (2) 2/0 – 250 kcmil (2) 250 – 500 kcmil (3) #4 – 300 kcmil (1) 750 kcmil Crimp lug landing pad 250 – 750 kcmil	1MPLK1 1MPLK3 1MPLK4 1MPLK2 ^⑤ 1MPSC1 ^⑥

^⑤ This lug is not UL listed.

^⑥ This kit comes with three pads for two lines and neutral. Each pad will accept one or two crimp lugs. Cannot be used on 1MP2122R, RL and RLB EUSERC underground termination.

Table 15. Wire Sizes — Neutral and Ground Lugs

Description	Wire Size, Al/Cu	Catalog Number
Neutral: 125 ampere meter pack 200 ampere meter pack	#6 – 2/0 #1/0 – 300 kcmil	— —
Equipment Ground Bar: 125 ampere meter pack 200 ampere meter pack	#14 – #2 #14 – 2/0	— —
Optional Ground Bar	#6 – 2/0	1MMGBK

Note: Each stack includes a neutral and ground bar. If an extra ground bar is needed, order 1MMGBK.

Product Description

1MP, 1MM and 3MM Main Tenant Circuit Breakers

The following Cutler-Hammer breakers are to be used on 1MP, 1MM and 3MM modular metering stacks. They are 120/240 Vac — field installed.



BR2100



CC2200

Product Selection

Table 16. 1MP, 1MM and 3MM Main Tenant Circuit Breakers

Description	Number of Poles	Main Tenant Circuit Breaker Ampere Rating	Catalog Number				
			10,000 AIC	22,000 AIC	25,000 AIC	42,000 AIC	100,000 AIC
Plug-on type circuit breakers used with 1MP, 1MM and 3MM 125 ampere modular metering stacks	2	60	BR260	BRH260	—	BRHH260	—
	2	70	BR270	BRH270	—	BRHH270	—
	2	80	BR280	BRH280	—	BRHH280	—
	2	90	BR290	BRH290	—	BRHH290	—
	2	100	BR2100	BRH2100	—	BRHH2100	—
	2	110	BR2110	BRH2110	—	BRHH2110	—
	2	125	BR2125	BRH2125	—	BRHH2125	—
	2	60	—	—	CHH2060H2X	CHH2060H4X	CHH2060X
	2	70	—	—	CHH2070H2X	CHH2070H4X	CHH2070X
	2	80	—	—	CHH2080H2X	CHH2080H4X	CHH2080X
Bolt-on type circuit breakers used with 1MP, 1MM and 3MM 200 ampere modular metering stacks	2	90	—	—	CHH2090H2X	CHH2090H4X	CHH2090X
	2	100	CC2100X	—	CHH2100H2X	CHH2100H4X	CHH2100X
	2	125	CC2125X	—	CHH2125H2X	CHH2125H4X	CHH2125X
	2	150	—	—	CHH2150H2X	CHH2150H4X	CHH2150X
	2	175	CC2175X	—	CHH2175H2X	CHH2175H4X	CHH2175X
	2	200	CC2200X	—	CHH2200H2X	CHH2200H4X	CHH2200X

Main Tenant Circuit Breakers

Dimensions and Knockouts (in Inches) — 1MP Meter Packs — Aluminum and Copper Bus

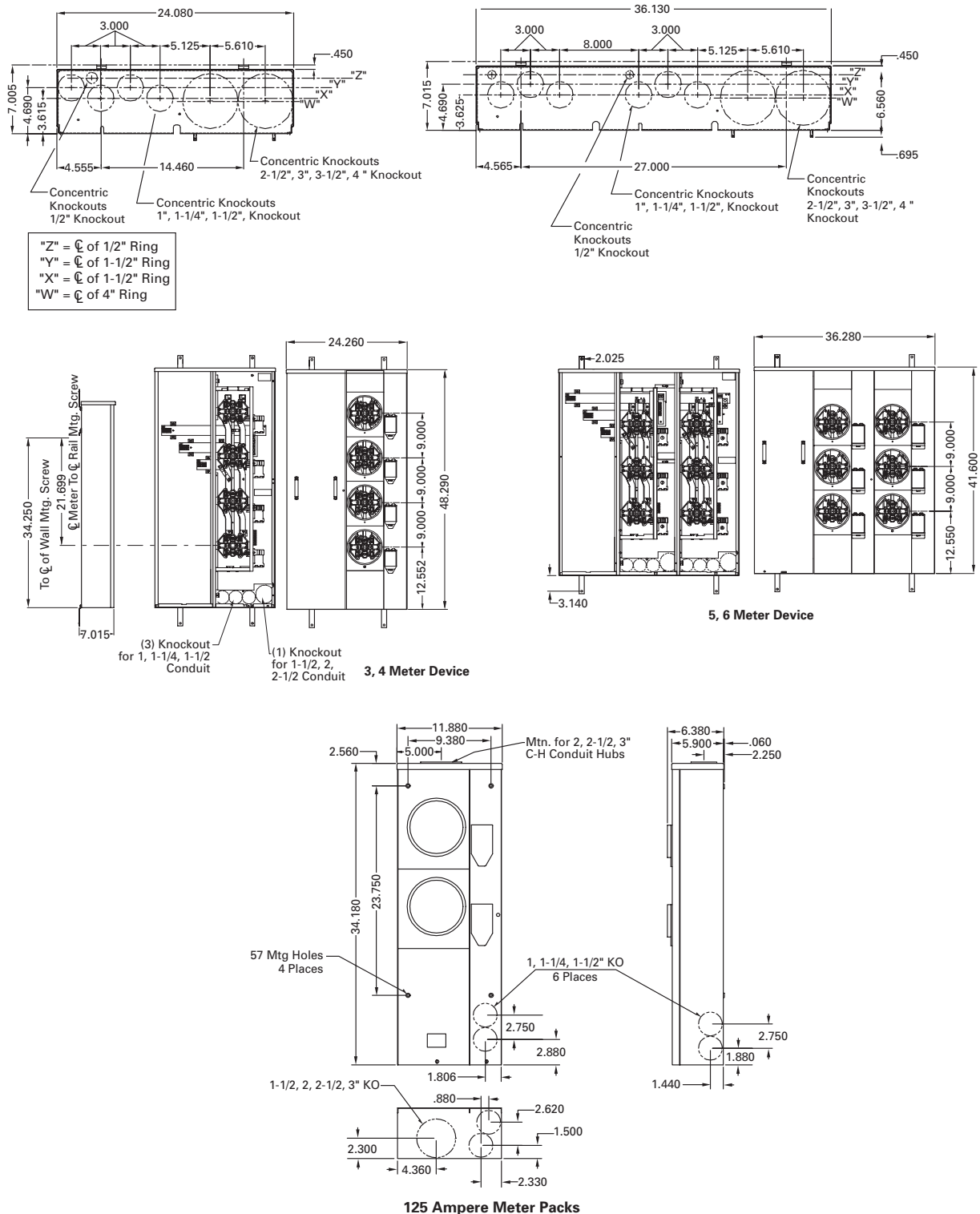


Figure 3. 125 Ampere Maximum Tenant Breaker

May 2007

Meter Packs

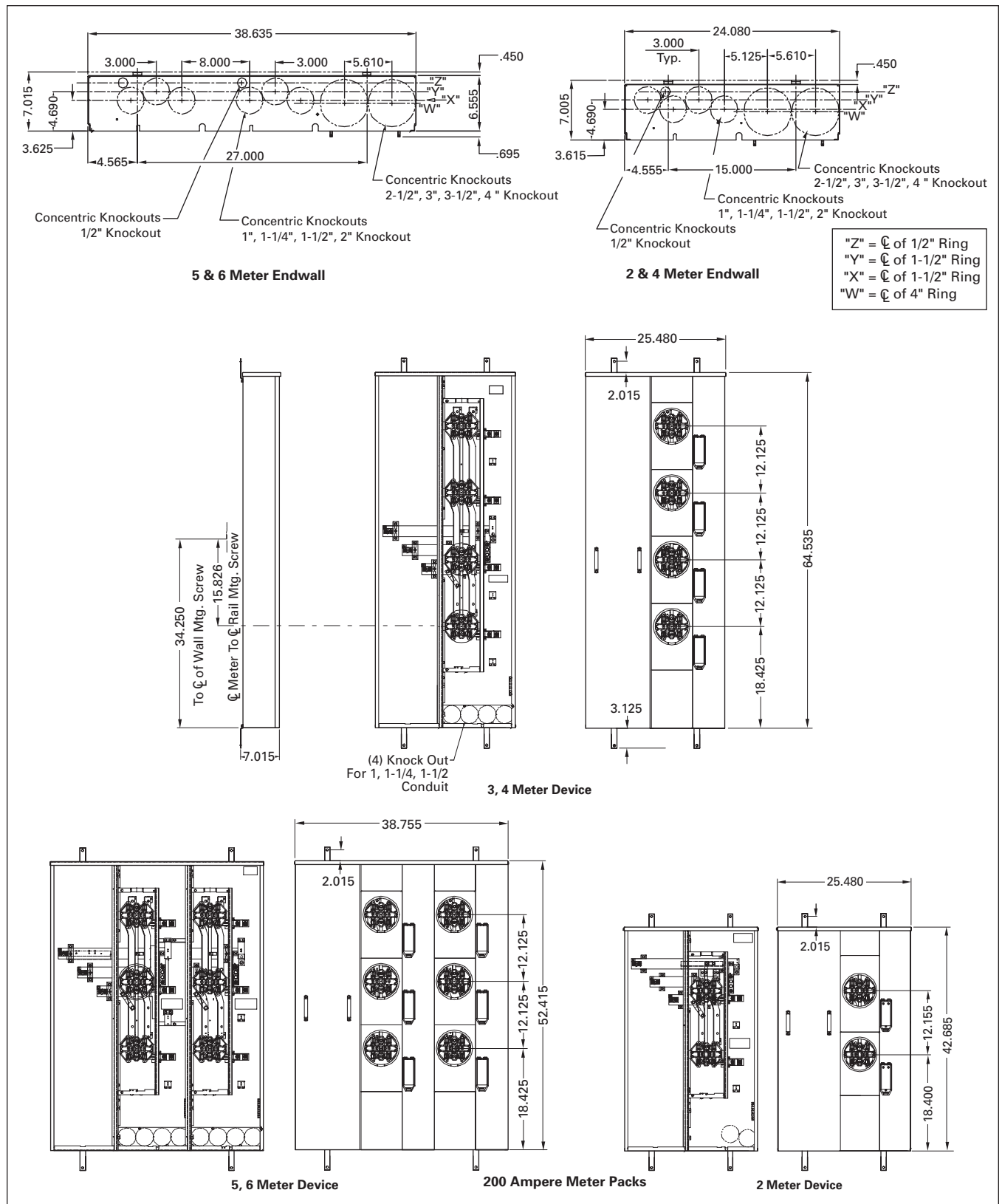


Figure 4. 200 Ampere Maximum Tenant Breaker

Meter Packs

Table 17. Accessories for 1MP, 1MM and 3MM Modular Metering Stacks

Description	Application	Catalog Number
Fifth Jaw Kit	Bolted onto neutral in the 3, 6 or 9 o'clock position. Typically used on network metering systems (3-phase in/single-phase out) or when specified by utility company.	1MM5JK
Isolated Fifth Jaw Kit	Connects to the neutral with an insulated wire.	1MM5JKOP
Horn Bypass	Used only on ringless cover stacks, kits can be installed on 125 ampere or 200 ampere sockets. Note: For 1MP2122RRL use:	1MMBPH WCG8HB
Meter Bypass Jumper	Installed on 125 ampere or 200 ampere sockets. Jumpers are plugged into jaws. Order Lexan® cover plate with bypass jumpers to prevent access to meter socket once energized. (Not UL listed.)	1MMBPJ
Lexan Blank Cover	Circular cover mounted on ring or ringless devices preventing access to meter socket while meter is not in place. Includes 4 plastic tabs which plug into each jaw.	1MMPCP
	Same as 1MMPCP minus the tabs located in the back to plug into jaws. This device to be used while meter bypass jumpers are in place (1MMBPJ).	1MMACP
Blank Meter Socket Cover	Used for 125 ampere stacks. Fits bottom socket only. Kit replaces existing meter cover preventing access to meter socket. Includes hasp for seal.	1MMBC125B
	Used on 200 ampere stacks. Fits bottom socket only. Kit replaces existing meter cover preventing access to meter socket. Includes hasp for seal.	1MMBC200B
Wall Mounting Rail	Rails are 4 feet (1.2 m) in length. Bolted on wall for stacks, packs, and mains to be hung.	1MMWB
Bussed Spacer	Bussed spacer 1200 ampere 4-inch (101.6 mm). Required when stacks are mounted on right-hand side in EUSERC areas. (Copper)	3MMBSK
Bus Duct Riser/ Meter Center Connection	Available in 400, 600, 800 ampere Main Fusible units only. Contact Product Line for details.	—

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Fifth Jaw Kit



Horn Bypass Kit



Lexan Blank Cover



Wall Mounting Rail



Bussed Spacer

May 2007

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