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Selection & Application Guide

Accessories and Replacement Parts Guide

Power Mod™ & Uni-PAK

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Accessories and Replacement Parts Guide

Power Mod™ and Uni-PAK



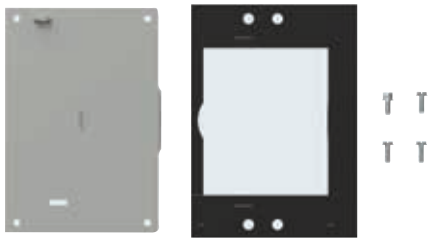
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Power Mod™ and Uni-PAK

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Quick Reference Cheat Sheet

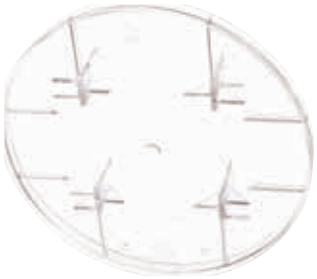
Power Mod™ and Uni-PAK



WMEP



ECPP (Ring type)



ECCP3 (Ringless)



QC1



QC4



ECBC



MMZR60



ECMF5



ECMFH



ECMFC – [(W)MM]



ECMFCS

Mini Ratchet Sets

Did you know we also have Mini Ratchet Sets?

The Mini Ratchet Set, ECMMRS, is a very handy tool for loosening or tightening hardware in tight spaces. We introduced this specifically for use with our Power Mod products; the accessories that come with it are perfectly sized for many of the bolts and nuts used in the Power Mod modules.

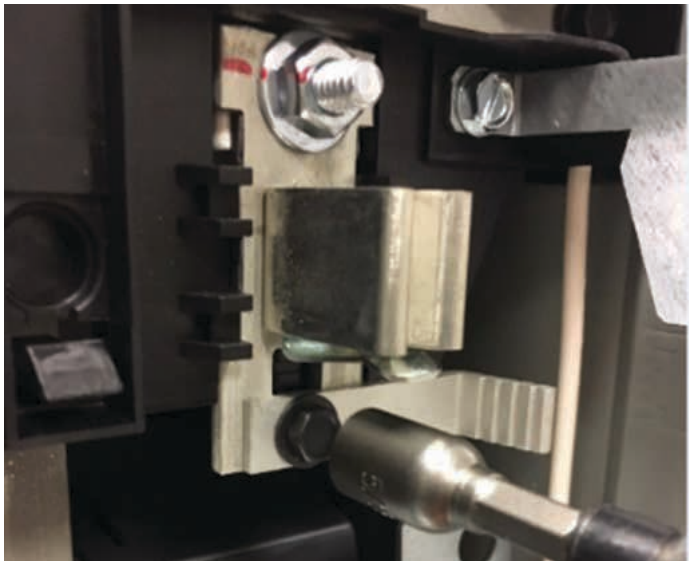
Power Mod Mini Ratchet Set includes:

- 2" T-25 Torx Bit - Eases removal and re-installing of cover screws
- 5/16" Magnetic Nut Setter - Eases the installation of Tap Boxes when QuickBolt assembly is required to be removed from one side. It can also be used to quickly install or reposition the 5th jaw
- 3/8" x 1/4" drive deep well socket - Eases connection of adjacent module using hardware provided.

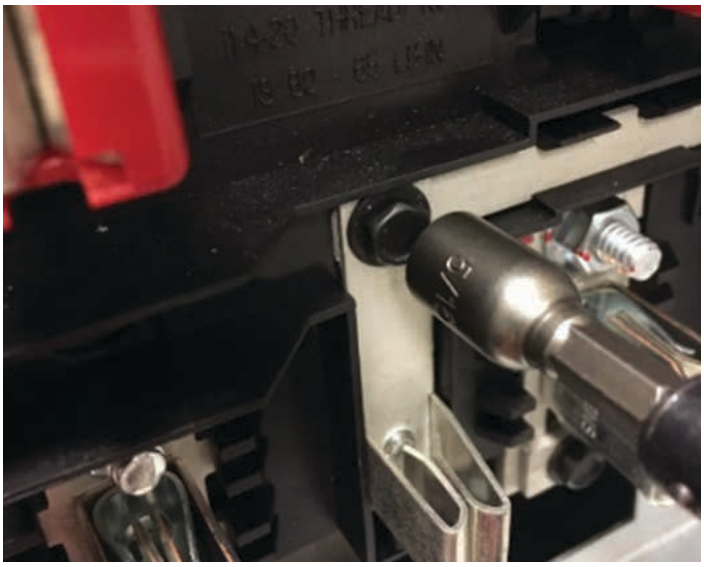




Use to tighten or loosen WMEP plate screws.



Use to tighten or loosen horn bypass screws.



Use to tighten or loosen 5th jaw screws.



Use to remove Quick Bolt™ assembly on invertible tap boxes.

Tenant Circuit Breakers

Power Mod™ and Uni-PAK



QS2100



QR23B225



Q260



Q360

Amperage	10K AIC Type QP	22K AIC Type QPH	42K AIC —	65K AIC Type HQP	100K AIC Type HQPH
For use in 125 Amp and 225① Amp single phase output WMM, WML, WMT, WP, WPC, WEP, WPL metering③					
60	Q260	Q260H	Q260HH	Q260HH	—
70	Q270	Q270H	Q270HH	Q270HH	—
80	Q280	Q280H	Q280HH	Q280HH	—
90	Q290	Q290H	Q290HH	Q290HH	—
100	Q2100	Q2100H	Q2100HH	Q2100HH	HQ2100H
110	Q2110	Q2110H	Q2110HH	Q2110HH	—
125	Q2125	Q2125H	Q2125HH	Q2125HH	HQ2125H
For use in 100 Amp, 3- phase output WML meter stacks only					
60	Q360	Q360H	Q360HH	Q360HH	—
70	Q370	Q370H	Q370HH	Q370HH	—
80	Q380	Q380H	Q380HH	Q380HH	—
90	Q390	Q390H	Q390HH	Q390HH	—
100	Q3100	Q3100H	Q3100HH	Q3100HH	—

For use in 225① Amp single phase output WMM, WML, WMT, WP, WPC, WEP, WPL metering③

	Type QS②	Type QSH②	Type QSHH	Type HQS②	Type HQSH②
100	QS2100	QS2100H	QSH2100	QS2100HH	HQS2100H
125	QS2125	QS2125H	QSH2125	QS2125HH	HQS2125H
150	QS2150	QS2150H	QSH2150	QS2150HH	HQS2150H
175	QS2175	QS2175H	QSH2175	QS2175HH	HQS2175H
200	QS2200	QS2200H	QSH2200	QS2200HH	HQS2200H
225	QS2225	QS2225H	QSH2225	QS2225HH	HQS2225H

For use in 225 Amp 3-phase output WML and WMT meter stacks only

Amperage	10K AIC Type QR2	25K AIC Type QRH2	65K AIC Type HQR2	100K AIC Type HQR2H
100	QR23B100	QRH23B100	HQR23B100	HQR23B100H
125	QR23B125	QRH23B125	HQR23B125	HQR23B125H
150	QR23B150	QRH23B150	HQR23B150	HQR23B150H
175	QR23B175	QRH23B175	HQR23B175	HQR23B175H
200	QR23B200	QRH23B200	HQR23B200	HQR23B200H
225	QR23B225	QRH23B225	HQR23B225	HQR23B225H

① QP Breakers will fit in 225A WMM, WML, and WMT meter stacks.
② QS series rates with Murray circuit breakers.
③ Breaker selection (when applied to Uni-PAK) applies to WP, WPC, WEP, WPL, Uni-PAK metering only. QS breakers will not nit in SP or MP series.

Common accessories for group metering products①

Power Mod™ and Uni-PAK

Accessory	Catalog number	Description
	**QC1**	QuickConnect™ 1-phase, 3-wire, 1200 Amp maximum.
	**QC4**	QuickConnect™ 3-phase, 4-wire, 1200 Amp maximum.
	**WMEP**	Plastic end enclosure plate to cover exposed horizontal bussing at the ends of the meter center lineup. Comes factory included with all mains and tapboxes. This kit comes with (1) plate, (1) gasket and (4) screws.
	**SRSS**	Sealing ring - snap-on, stainless steel.
	**SRSW**	Sealing ring - screw type, stainless steel.
	**SRSTD**	Sealing ring - snap on, aluminum (comes standard).
	**ECJS** ②	Meter bypass jumper 4 AND 5 JAW. For temporary use ONLY. Only works with ECPP cover. 200A max. Comes with 2 jumpers. Not for use with WML sockets over 200A. Not compatible with utility anti-inversion clips.
	ECPP	Plastic Ring Style cover plate. May be used with ringless style cover in conjunction with ECJS.
	**ECCP3**	Plastic Ringless Style cover plate.
	**ECMMRS**	Power Mod mini ratchet set Includes: • 2" T-25 Torx Bit - Eases removal and re-installing of cover screws • 5/16" Magnetic Nut Setter - Eases the installation of tap boxes when QuickBolt assembly is required to be removed from one side. In addition, could be used to quickly install or reposition the 5th jaw. • 3/8" x 1/4" drive deep well socket - Eases connection of adjacent module using hardware provided.
	**ECMFTAB**	Mounting tabs or "ears" for top of Power Mod devices. Comes with 2 tabs.
	**ECMFPK**	Power Mod loose parts replacement kit. Includes: instruction sheet, (6) apartment number labels, (6) service disconnect labels, (4) 1/4-20 hex nuts, (4) #10-32 hex nuts, (4) 1/4-20 x 1/2 screws, (4) wingnuts, (4) #10 flat washers, (4) #10 lock washers.
	**ECMFCS**	Cover screw replacement (quantity 10) for Power Mod and Uni-PAK devices.
	MMRAIL	12" Standard wall mounting rail (Power Mod or Uni-PAK).
	MMZR24	24" long mounting "Z" rail for wall mounting (Power Mod or Uni-PAK).
	MMZR36	36" long mounting "Z" rail for wall mounting (Power Mod or Uni-PAK).
	MMZR48	48" long mounting "Z" rail for wall mounting (Power Mod or Uni-PAK).
	MMZR60	60" long mounting "Z" rail for wall mounting (Power Mod or Uni-PAK).
	**ECAFL**	(10) Arc flash labels.
	**ECMFWLCLIP**	Replacement rail/clip located on back of unit with wheels (Power Mod only).

① Please Note: Items on this page are used with many multi-family metering products. If an item is listed on this page, it will not be listed on product/family specific pages further on in this document in order to save space.

② Required per 1-phase meter socket. Residential type ring and ringless - 200 Amp max. Meter cannot be installed while in use. Made for use with ECPP cover plate.

Specific accessories and replacement parts for mains and tapboxes

Power Mod™

Type	Specification	Product Type	Catalog No.	Description
WB	200-1000A	Plastic breaker cover	**ECMMBCM**	Plastic main breaker cover replacement kit for 200-1000A WB mains. This is also the replacement breaker cover kit for 1200-2000A main breaker modules manufactured prior to 4/16/2018.
	1200-2000A	Plastic breaker cover	**ECMMBCL**	Plastic main breaker cover replacement kit for all 1200-2000A main breaker modules manufactured on or after 4/16/2018. This is also the replacement breaker cover kit for 900-1000A skinny WB mains manufactured between 4/16/2018-6/14/2019.
	200-600A	Lug landing pad	**LLP600**	Lug landing pad to allow use of compression lugs or NEMA 2-stud type lugs. Not for use with skinny mains.
	700-1200A	Lug landing pad	**LLP1200**	Lug landing pad to allow use of compression lugs or NEMA 2-stud type lugs. Not for use with skinny mains.
	200-1200A	Ground lug extension kit	**ECGLK3300**	300 kcmil ground lug extension kit. Includes (3) lugs for ground.
	200-1200A	Ground lug extension kit	**ECGLK6300**	300 kcmil ground lug extension kit. Includes (6) lugs for ground.
		Ground lug(s)	**ECMLK3225**	Replacement factory installed ground lug(s). (contains 3 lugs)
WEB	200-1000A	Plastic breaker cover	**ECMMBCM**	Plastic main breaker cover replacement kit for 200-1000A WEB mains. This is ***also*** the replacement breaker cover kit for 1200A WEB modules manufactured prior to 4/16/2018.
	1200A	Plastic breaker cover	**ECMMBCL**	Plastic main breaker cover replacement kit for 1200 WEB main breaker modules manufactured on or after 4/16/2018.
		Ground lug(s)	**ECMLK3225**	Replacement factory installed ground lug(s). (contains 3 lugs)
WXB	200-1000A	Plastic breaker cover	**ECMMBCM**	Plastic main breaker cover replacement kit for 200-1000A WXB mains. This is also the replacement breaker cover kit for 1200A WXB modules manufactured prior to 4/16/2018.
	1200-2000A	Plastic breaker cover	**ECMMBCL**	Plastic main breaker cover replacement kit for all 1200A WXB main breaker modules manufactured on or after 4/16/2018.
WBT	200-1000A	Plastic breaker cover	**ECMMBCM**	Plastic main breaker cover replacement kit for 200-1000A WBT mains. This is also the replacement breaker cover kit for 1200A WBT modules manufactured prior to 4/16/2018.
	1200A	Plastic breaker cover	**ECMMBCL**	Plastic main breaker cover replacement kit for all 1200 modules manufactured on or after 4/16/2018. This is also the replacement breaker cover kit for 900-1000A WBT modules manufactured between 4/16/2018-6/14/2019.
		Ground lug extension kit	**ECMMGBE**	Ground lug extension kit. Adds 4 rows of NEMA studs to the ground bar, lugs must be purchased separately *found on page 19*. This kit contains 1 lug extension bar. In feed-through devices, a second kit may be required for the outgoing grounds as well.
		Ground lug extension kit	**ECGLK3300**	300 kcmil ground lug extension kit. Includes (3) lugs for ground.
		Ground lug extension kit	**ECGLK6300**	300 kcmil ground lug extension kit. Includes (6) lugs for ground.
		Ground lug(s)	**ECMLK3225**	Replacement factory installed ground lug(s). (contains 3 lugs)
BFT		Plastic breaker cover	**ECMMBCL**	Plastic main breaker cover replacement kit for all BFT main breaker modules
		Ground lug extension kit	**ECMMGBE**	Ground lug extension kit. Adds 4 rows of NEMA studs to the ground bar, lugs must be purchased separately *found on page 19*. This kit contains 1 lug extension bar. In feed-through devices, a second kit may be required for the outgoing grounds as well.
		Ground lug(s)	**ECMLK3225**	Replacement factory installed ground lug(s). (contains 3 lugs)

Specific accessories and replacement parts for mains and tapboxes

Type	Specification	Product Type	Catalog No.	Description
WTB	2000-2400A	Ground lug extension kit	**ECMMGBE**	Ground lug extension kit. Adds 4 rows of NEMA studs to the ground bar, lugs must be purchased separately *found on page 19.* This kit contains 1 lug extension bar. In feed-through devices, a second kit may be required for the outgoing grounds as well.
		Ground lug extension kit	**ECGLK3300**	300 kcmil ground lug extension kit. Includes (3) lugs for ground.
		Ground lug extension kit	**ECGLK6300**	300 kcmil ground lug extension kit. Includes (6) lugs for ground.
		Factory installed ground lug(s)	**ECMLK3225**	Replacement factory installed ground lug(s). (contains 3 lugs)
	400-1600A	Secondary ground bar	**ECLX071M**	Replacement factory installed secondary ground bar
WET		Ground lug extension kit	**ECGLK6300**	300 kcmil ground lug extension kit. Includes (6) lugs for ground.
		Ground lug(s)	**ECMLK3225**	Replacement factory installed ground lug(s). (contains 3 lugs)
WT	1600-2400A	Ground lug extension kit	**ECMMGBE**	Ground lug extension kit. Adds 4 rows of NEMA studs to the ground bar, lugs must be purchased separately *found on page 19.* This kit contains 1 lug extension bar. In feed-through devices, a second kit may be required for the outgoing grounds as well.
	1600-2400A	Ground lug extension kit	**ECGLK3300**	300 kcmil ground lug extension kit. Includes (3) lugs for ground.
	400-2400A	Ground lug extension kit	**ECGLK6300**	300 kcmil ground lug extension kit. Includes (6) lugs for ground.
		Ground lug(s)	**ECMLK3225**	Replacement factory installed ground lug(s). (contains 3 lugs)
WS	400A	Fuse plate	**ECMMFSP400**	400A Metering switch main fuse plate accessory
	600A	Fuse plate	**ECMFFSP600**	600A Metering switch main fuse plate accessory
	800A	Fuse plate	**ECMFFSP800**	800A Metering switch main fuse plate accessory
		Ground lug(s)	**ECMLK3225**	Replacement factory installed ground lug(s). (contains 3 lugs)
WES	400A	Fuse plate	**ECMMFSP400**	400A Metering switch main fuse plate accessory
	600A	Fuse plate	**ECMFFSP600**	600A Metering switch main fuse plate accessory
	800A	Fuse plate	**ECMFFSP800**	800A Metering switch main fuse plate accessory
	1200A	Plastic handle cover	**ECMMBC**	Plastic handle cover replacement kit
		Ground lug(s)	**ECMLK3225**	Replacement factory installed ground lug(s). (contains 3 lugs)
WXS	400A	Fuse plate	**ECMMFSP400**	400A Metering switch main fuse plate accessory
	600A	Fuse plate	**ECMFFSP600**	600A Metering switch main fuse plate accessory
	800A	Fuse plate	**ECMFFSP800**	800A Metering switch main fuse plate accessory

Specific accessories and replacement parts for mains and tapboxes



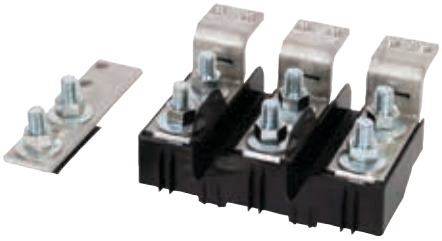
ECMMBCM



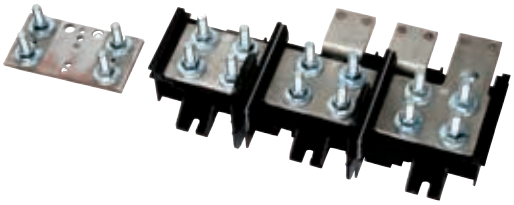
ECMMBC



ECMMBCL



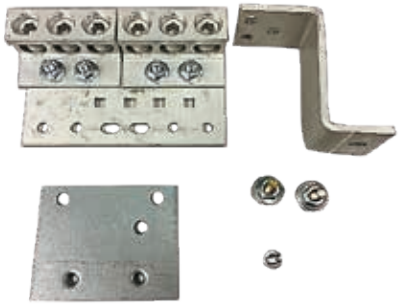
LLP600



LLP1200



ECGLK3300



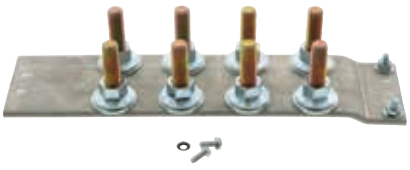
ECGLK6300



ECMLK3225



ECLX071M



ECMMGBE



ECMMFSP400



ECMMFSP600



ECMMFSP800

Specific accessories and replacement parts for meter stacks

Power Mod™

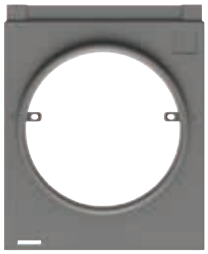
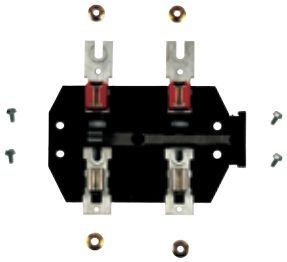
Type	Specification	Product Type	Catalog No.	Description
(W)MM		Breaker cover	**ECBC**	Breaker cover replacement
		Pull cover	**ECMFC**	Bottom pull cover. Blank cover below the socket positions.
		5th jaw	**ECMF5**	5th jaw addition or field replacement
		Isolated 5th jaw	**ECMF5i**	Isolated 5th jaw addition or field replacement
		Horn bypass	**ECMFH**	Horn bypass kit for field replacement or addition
	Ring Type	Meter cover	**ECMFMC**	Ring type metal meter cover replacement kit
	Ringless	Meter cover	**ECMFMCR**	Ringless metal meter cover replacement kit
		Cover conversion kit	**ECMMRCK**	Ringless to ring type cover conversion kit
		Cover conversion kit	**ECMMRLCK**	Ring type to ringless cover conversion kit
		Knock-out plate	**ECMMKOP**	Replacement back wall knock-out plate with knock-outs
		Knock-out plate	**ECMMNKOP**	Replacement Knock-out plate without knock-outs
		Phase strap	**ECMFPS**	Quick phase "Z" phase strap replacement
		Meter socket base	**ECMFS**	Meter socket base replacement assembly
		Breaker hold-down kit	**ECMBR2**	Tenant breaker hold-down kit for the 2 pole QP family of breakers. Only needed for back-feed applications.
	125A	Breaker mounting base	**ECMFBM1**	Breaker mounting base assembly replacement 125A
	225A	Breaker mounting base	**ECMFBM2**	Breaker mounting base assembly replacement 225A
		Ground or neutral bar assembly	**ECMFGN125**	Additional or replacement ground or neutral bar assembly for 125A stacks. This is also the additional/replacement ground bar assembly kit for 225A stacks (not neutral).
	225A	Neutral bar kit	**ECMFN225**	225A stack neutral bar kit for additional/replacement lugs
(W)ML	1-Phase	Plastic breaker cover	**ECBC**	Plastic breaker cover replacement for all 1PH (W)ML
	100A 3-Phase & 400A NFS	Plastic breaker cover	**ECMMBC**	Plastic breaker cover replacement for all 3-Phase (W)ML stacks as well as all 400 non-fused stacks
	225A 3-Phase	Plastic breaker cover	**ECMMBCM**	Plastic breaker cover replacement for all 225A 3Phase in/out (W)ML stacks
	125A	Meter cover	**ECWML10**	Ringless metal meter cover replacement (125A only)
	125A	Pull cover	**ECWMLC**	Bottom pull cover. Blank cover below the socket positions.
	100 and 225A	Back plate	**ECMLNKOP**	Blank removable back plate without knock outs for 100A (3Ph) and 225A stacks
	125A	Knock-out plate	**ECMMKOP**	Back wall knock-out plate with knock-outs (125A stacks)
	125A	Knock-out plate	**ECMMNKOP**	Blank back wall knock-out plate without knock-outs (125A stacks)
	125A	Phase strap	**ECWMLPS**	Lever bypass phase strap replacement (125A only)
	125A 1-Phase	Breaker mounting base	**ECMFBM1**	Breaker mounting base assembly replacement 125A 1PH
	225A 1-Phase	Breaker mounting base	**ECMFBM2**	Breaker mounting base assembly replacement 225A 1PH
	125A	Phase straps	**ECWMLPS**	Phase straps for 125A 3-Phase in/1-Phase out WML stacks
		Ground or neutral bar assembly	**ECMFGN125**	Additional or replacement ground or neutral bar assembly for 125A stacks. This is also the additional/replacement ground bar assembly kit for 225A stacks (not neutral).
	225A	Neutral bar	**ECMFN225**	225A stack neutral bar kit for additional/replacement lugs
	3-Phase	Breaker mounting screws	**ECMMQRSCR**	QJ & QR breaker mounting screws. (3x short, 2x long)
		Breaker hold-down kit	**ECMBR2**	Tenant breaker hold-down kit for the 2 pole QP family of breakers. Only needed for back-feed applications.

Specific accessories and replacement parts for meter stacks

Power Mod™

Type	Specification	Product Type	Catalog No.	Description
(W)MLZ(F)		Breaker cover	**ECBC**	Breaker cover replacement
		Meter cover	**ECWML10**	Ringless metal meter cover replacement
		Secondary bus cover	**ECWMLZEP**	Secondary cross bus side cover plate
		Endwall plate	**ECWMLZBP**	Replacement bottom removeable endwall plate
		Secondary cross bus	**ECWMLZFBUS**	Replacement secondary cross bus assembly kit
		Ground or neutral bar assembly	**ECMFGN125**	Additional or replacement Ground or neutral bar assembly kit for 125A stacks.
		Breaker mounting base	**ECMFBM1**	Replacement breaker mounting base assembly
		Breaker hold-down kit	**ECMBR2**	Tenant breaker hold-down kit for the 2 pole QP family of breakers. Only needed for back-feed applications.
(W)MN		Breaker cover	**ECBC**	Breaker cover replacement
		Pull cover	**ECMFC**	Bottom pull cover. Blank cover below the socket positions.
		5th jaw	**ECMF5**	5th jaw addition or field replacement
		Isolated 5th jaw	**ECMF5i**	Isolated 5th jaw addition or field replacement
		Horn bypass	**ECMFH**	Horn bypass kit for field replacement or addition
		Meter cover	**ECMFMC10**	Replacement metal meter cover (10" height) for (W)MN
		Knock-out plate	**ECMMKOP**	Replacement back wall knock-out plate with knock-outs
		Knock-out plate	**ECMMNKOP**	Replacement Knock-out plate without knock-outs
		Phase strap	**ECMFPS**	Quick phase "Z" phase strap replacement
		Socket base	**ECMFS**	Meter socket base replacement assembly
		Breaker hold-down kit	**ECMBR2**	Tenant breaker hold-down kit for the 2 pole QP family of breakers. Only needed for back-feed applications.
		Ground or neutral bar assembly	**ECMFGN125**	Additional or replacement ground or neutral bar assembly for 125A stacks. This is also the additional/replacement ground bar assembly kit for 225A stacks (not neutral).
	225A	Neutral bar kit	**ECMFN225**	225A stack neutral bar kit for additional/replacement lugs
(W)MT	1-Phase out	Breaker cover	**ECBC**	Breaker cover replacement
	1in-1out	5th jaw	**ECMT5**	5th jaw replacement
	125A 1-Phase	Breaker mounting base assembly	**ECMFBM1**	Breaker mounting base assembly replacement
	225A 1-Phase	Breaker mounting base assembly	**ECMFBM2**	Breaker mounting base assembly replacement
		Ground or neutral bar	**ECMFGN125**	Replacement ground or neutral bar assembly for 125A stacks. This is also the replacement ground bar assembly kit for 225A stacks (not neutral).
	225A	Neutral lug bar	**ECMFN225**	Replacement 225A stack neutral lug bar kit
	1-Phase out	Back plate	**ECMLNKOP**	Blank removeable back plate (1PH out)
(W)MK		Plastic breaker cover	**ECMMBC**	Replacement black plastic breaker cover

Specific accessories and replacement parts for meter stacks

 ECBC	 ECMMBC	 ECMMBCM
 ECMFC	 ECMF5	 ECMF5i
 ECMFH	 ECMFMC	 ECMFMCR
 ECMMRCK	 ECMMRLCK	 ECMMKOP
 ECMFPS	 ECMFS	 ECMMNKOP

Specific accessories and replacement parts for meter stacks



ECMBR2



ECMFBM1



ECMFGN125



ECMFN225



ECWML10



ECWMLC



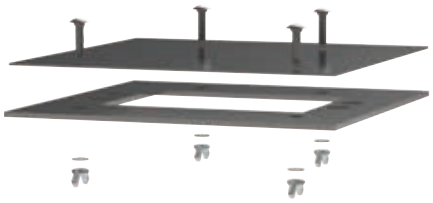
ECMLNKOP



ECWMLPS



ECMMQRSCR



ECWMLZEP



ECWMLZBP



ECWMLZFBUS



ECMFMC10



ECMT5

3-Phase Stack breaker-side cover replacement kits

For WML's and ML's:	
Catalog No.	Replacement breaker cover
WML13225RJ	ECWML3BC1
WML23225RJ	ECWML3BC2
WML33225RJ	ECWML3BC3
WML43225RJ	ECWML3BC4
ML13225RJ	ECML3BC1
ML23225RJ	ECML3BC2
ML33225RJ	ECML3BC3
ML43225RJ	ECML3BC4

For previous versions of WML's with horizontally mounted QJ breaker and a reverse offset cover design:	
Catalog No.	Replacement breaker cover
W3MM1200U	ECW3MMUBC1
W3MM2200U	ECW3MMUBC2
W3MM3200U	ECW3MMUBC3
W3MM4200U	ECW3MMUBC4

For previous versions of WML's with vertically mounted QJ breaker and no reverse offset cover design:	
Catalog No.	Replacement breaker cover
W3MM1200	ECW3MMBC1
W3MM2200	ECW3MMBC2
W3MM3200	ECW3MMBC3
W3MM4200	ECW3MMBC4

For WMT's:	
Catalog No.	Replacement breaker cover
WMT13225J	ECWMT3BC1
WMT23225J	ECWMT3BC2
WMT33225J	ECWMT3BC3
MT13225J	ECMT3BC1
MT23225J	ECMT3BC2
MT33225J	ECMT3BC3

For previous versions of WMT's:	
Catalog No.	Replacement breaker cover
W3MM1225USS	ECW3USSBC1
W3MM2225USS	ECW3USSBC2
W3MM3225USS	ECW3USSBC3



These replacement metal covers (breaker side) are for WML, WMT and other three-phase modules manufactured prior to February 5, 2016.

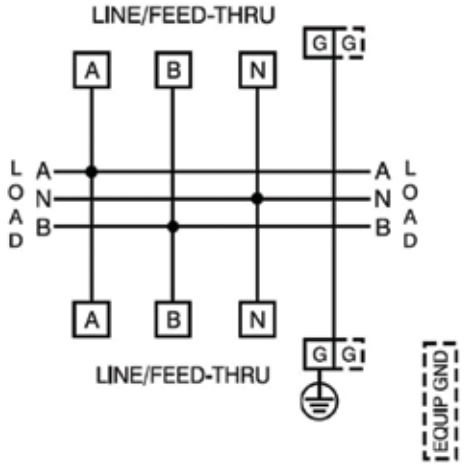
Prior to this date, these stacks were made to be only compatible with the QJ breaker. The QR breaker replaced the QJ breaker, so for these modules to be compatible with the QR breaker they will need a cover conversion kit from the tables on this page.

Stacks manufactured after February 5, 2016 will accept both QJ and QR breakers without needing a replacement cover kit.

Ground lug information for mains and tapboxes

Power Mod™

Type	Ampere Range	Factory Installed Primary Ground Terminals	Wire Range of Factory Installed Primary Terminals	Lug kit to replace/add factory installed primary ground lugs *⑤	Secondary Ground Bar (Optional)	Primary Ground lug kit Alternatives and Expansion options
WB	200-1200A	1 lug	#4 - 250 kcmil*①	**ECMLK3225*②**	**ECLX069M*④**	**ECGLK3300, ECGLK6300**
	1400-2000A	4 lugs	#4 - 300 kcmil	**ECMLK3225*②**	**None**	**None**
WEB	All	3 lugs	#4 - 300 kcmil	**ECMLK3225*②**	**None**	**None**
WXB	All	None	None	**None**	**ECGB10**	**None**
WBT	All	1 line & 1 load lug	#4 - 300 kcmil	**ECMLK3225*②**	**ECLX072M* ④**	**ECGLK3300, ECGLK6300, ECMMGBE**
BFT	All	1 line & 1 load lug	#4 - 300 kcmil	**ECMLK3225*②**	**ECLX072M*④**	**ECMMGBE*③**
WS	400-800A	3 lugs	#4 - 300 kcmil	**ECMLK3225*②**	**None**	**None**
	1200A	1 lug	#6 - 250 kcmil	**ECMLK3225*②**	**None**	**None**
WES	All	3 lugs	#4 - 300 kcmil	**ECMLK3225*②**	**None**	**None**
WXS	All	None	None	**None**	**ECLX069M*④ ECLX071M*④**	**None**
WTB	400-1600A	1 lug	#4 - 300 kcmil	**ECMLK3225*②**	**ECLX071M*④*⑥**	**ECGLK3300, ECGLK6300**
	2000-2400A	1 lug	#4 - 300 kcmil	**ECMLK3225*②**	**ECLX072M*④**	**ECGLK3300, ECGLK6300, ECMMGBE* ③**
WET	All	3 lugs	#4 - 300 kcmil	**ECMLK3225*②**	**ECLX069M* ④**	**ECGLK6300**
WT	400-1200A	4 line & 4 load lugs	#4 - 300 kcmil	**ECMLK3225*②**	**None**	**ECGLK6300, ECMMGBE*③**
	1600-2400A	1 line & 1 load lug	#4 - 300 kcmil	**ECMLK3225*②**	**ECLX072M*④**	**ECGLK3300, ECGLK6300, ECMMGBE* ③**
WTBN	All	1 lug	#4 - 300 kcmil	**ECMLK3225*②**	**ECLX069M*④**	**None**



Above: Schematic found on wiring diagram for WT12400PU

Ground lugs on schematics explained

Product schematics can be found on the wiring diagrams. As you can see in the schematic to the left, there is one factory installed ground (in solid borders) on the incoming side (bottom) and one on the outgoing side (top). There is a dotted line around a second ground lug next to the solid ground lug. This indicates that the installer can field install one additional primary ground lug on the line and the load side. This additional primary lug can be found in lug kit ECMLK3225. This is a load center lug kit, but these same lugs are also used on many power mod modules.

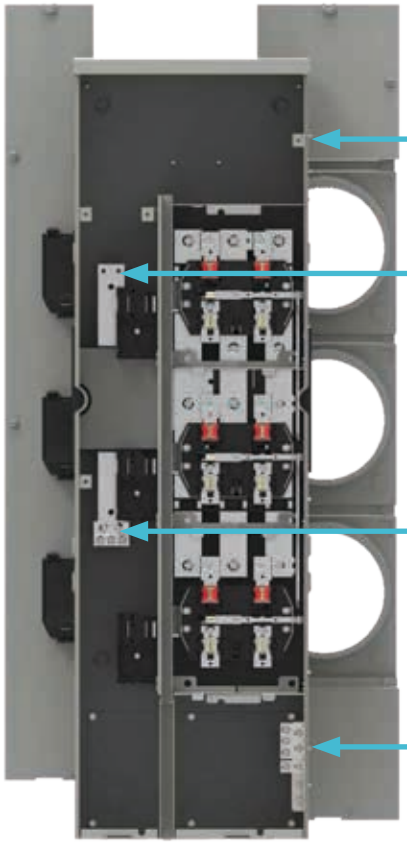
Secondary equipment grounds are available as can be seen on the bottom right of the schematic. This ground bar is not factory installed since it is surrounded by a dotted line on the schematic. If there was a solid border around the secondary equipment ground, that would mean it was factory installed. The secondary ground bar for this specific WT12400PU unit is ECLX072M. Keep in mind, not every unit has a secondary ground bar option available.

① Skinny mains have enough wire bend space to allow wire sizes of #4-300 kcmil.
② May contain more/fewer lugs than installer requires. This kit contains 3 lugs.
③ Adds 4 rows of studs for ground use, NEMA 2-stud type lugs must be ordered separately.
④ For some products, the installer may have to drill their own holes along the back wall to mount the secondary ground bar.
⑤ some products have a space for an additional ground lug, others may not. Be sure not to order these kits if you are looking to add more primary lugs if the wiring diagram doesn't show a space for an additional ground lug.
⑥ Factory Installed.

Ground and neutral lug information for meter stacks

Type	Ampere Range	Type of lug kit	Wire Range	Replacement / Additional lug kits
(W)MM	125A	Ground or Neutral	#4 - 2/0	ECMFGN125
	225A	Ground	#4 - 2/0	ECMFGN125
		Neutral	#4 - 300 kcmil	ECMFN225
(W)ML	100-125A	Ground or Neutral	#4 - 2/0	ECMFGN125
	225A	Ground	#4 - 2/0	ECMFGN125
		Neutral	#4 - 300 kcmil	ECMFN225
	400A	Ground	#4 - 300 kcmil	ECMFN225
(W)MLZ	All	Ground or Neutral	#4 - 2/0	ECMFGN125
(W)MT	All	Ground	#4 - 2/0	ECMFGN125
		Neutral	#4 - 300 kcmil	ECMFN225
WMK	All	Ground	#4 - 300 kcmil	ECMFN225
WMN	125A	Ground or Neutral	#4 - 2/0	ECMFGN125
	225A	Ground	#4 - 2/0	ECMFGN125
		Neutral	#4 - 300 kcmil	ECMFN225
WC	All	Ground Bar	(21) #14 - #4	EC3GB21
WCL	All	Ground Bar	(21) #14 - #4	EC3GB21
WCT	All	Ground Bar	(21) #14 - #4	EC3GB21

The number of neutral lugs provided in a meter stack is equal to the number of meter positions. The number of ground lugs provided in a meter stack is equal to the number of neutral lugs plus one. Therefore, there is always one more ground lug than neutral lugs on every meter stack, except in the case of house power combo modules (WC, WCL, WCT).



Example: The unit to the left is a WMM32125RJ stack which has 3 meter positions. This means this unit comes 3 neutral lugs and 4 ground lugs

Factory installed ground lug location for indoor rated stacks (without "W" prefix")

Factory installed neutral lug location for indoor rated stacks (without "W" prefix")

Factory installed neutral lug location for outdoor rated stacks ("W" prefix")

Factory installed neutral lug location for outdoor rated stacks ("W" prefix")

Pro Tips:

Almost all stacks have neutral and ground locations above and below the cross bus. If an installer is running cables from the opposite end, the neutral and ground lugs can be moved to the other side. The same extra lug provisions can be used to double up on neutrals and grounds in a stack if necessary.

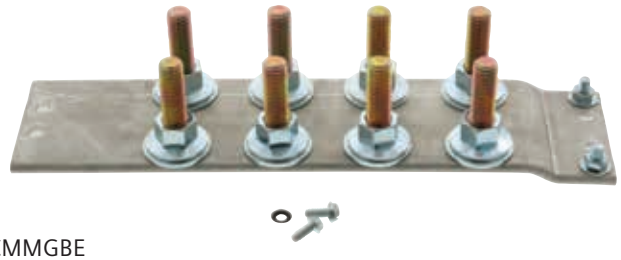
Ground and neutral lug kit details

Power Mod™

Catalog No.	Intended Use	Used with Power Mod type	Contents
ECMFGN125	Ground or neutral lugs	(W)MM, (W)ML (100-225A), (W)MLZ, (W)MT, (W)MN	(2) 3-wire: #4 - 2/0 lugs (2) single #4 - 2/0 lugs
ECMFN225	Neutral lugs	(W)MM, (W)ML, (W)MN, (W)MT	(2) 3-wire: #4-300 kcmil lugs (2) single #4-300 kcmil lugs
ECMMGBE	Ground lug extension bar	BFT, WBT, WT (1600-2400A), WTB (2000-2400A)	4 rows of 2-studs for NEMA type lugs
ECMLK3225	Ground lugs	BFT, WT (1600-2400A), WTB (2000-2400A)	(3 lugs): #4 – 300 kcmil
ECGLK3300	Ground lugs	WB (200-1200A), WBT, WTB, WT_PU (1600-2400A)	(1) 3-wire: #6-300 kcmil lug
ECGLK6300	Ground lugs	WB (200-1200A), WBT, WTB, WET, WT_PU (400-2400A)	(2) 3-wire: #6-300 kcmil lugs
ECLX069M	Ground lugs	WB, WET, WXS, WTBN, WT (400-1200A), WTB (400-1600A)	(5): #14 – #6 (2): #14 – 1/0
ECLX071M	Ground lugs	WTB (400-1600A), WXS	(8): #14 – #6 (3): #14 – 1/0
ECLX072M	Ground lugs	BFT, WBT, WT (1600-2400A), WTB (2000-2400A)	(11): #14 – #6 (4): #14 – 1/0
ECGB10	Ground lugs	WXB	(10): #14 – #4
EC3GB21	Ground lugs	WC, WCL, WCT	(21): #14 – #4



ECMLK3225



ECMMGBE



ECMFGN125



ECMFN225

Lug kits for mains and tapboxes

Lugs are factory installed on WB main breaker modules 200A-1200A. Alternate lug kit options (including 750kcmil) are available.

A field installable compression lug landing pad is available as an accessory for standard breaker module 250A-1200A. Compression lug kits must be ordered in addition to the lug landing pad accessory. The lug landing pad accessory is not compatible with WB skinny mains (200-1200A WB's with B, BU, T or TU suffixes).

Lug kits must be ordered separately for standard breaker modules 1400A-2000A.

All EUSERC breaker mains, standard switches, EUSERC switches, standard tap boxes, and EUSERC tap boxes require lugs to be ordered separately and field installed.

Standard Breaker Main Types WB and WBM

Amperage	No. Wires per Phase	Max Wire Size	1 Phase lug kit	3 Phase lug kit
200-400	1	750 kcmil	LK11750①	LK31750①
	2	500 kcmil	LK12500①②	LK32500①②
450-600	2	500 kcmil	LK12500①②	LK32500①②
700-800	3	500 kcmil	LK13500①②	LK33500①②
	3	750 kcmil	LK13750①	LK33750①
900-1200	3	750 kcmil	LK13750①	LK33750①
	4	500 kcmil	LK14500①②	LK34500①②
1400-1600	5	600 kcmil	LK15600N2	LK35600N2
	5	750 kcmil	LK15750N2	LK35750N2
	6	750 kcmil	LK16750N2	LK36750N2
1800-2000	6	750 kcmil	LK16750N2	LK36750N2

Standard Breaker Main with Lug Landing Pad Installed③ Types WB and WBM

Amperage	No. Wires per Phase	Max Wire Size	1 Phase lug kit	3 Phase lug kit
200-400	1	600 kcmil	LK11600N2	LK31600N2
	2	350 kcmil	LK12350N2	LK32350N2
450-600	2	350 kcmil	LK12350N2	LK32350N2
700-800	2	600 kcmil	LK12600N2	LK32600N2
	2	750 kcmil	LK12750N2	LK32750N2
	3	500 kcmil	LK13500N2	LK33500N2
	3	750 kcmil	LK13750N2	LK33750N2
	4	500 kcmil	LK14500N2	LK34500N2
900-1200	3	750 kcmil	LK13750N2	LK33750N2
	4	500 kcmil	LK14500N2	LK34500N2

Skinny Breaker Main Types WB and WBM
(Skinny Mains are 200-1200A WB/WBM units, with B, BU, T, or TU suffixes)

Amperage	No. Wires per Phase	Max Wire Size	1 Phase lug kit	3 Phase lug kit
200-400	1	750 kcmil	LK11750①	LK31750①
	2	500 kcmil	LK12500①②	LK32500①②
450-600	2	500 kcmil	LK12500①②	LK32500①②
700-800	3	500 kcmil	LK13500①②	LK33500①②
	3	750 kcmil	LK13750①	LK33750①
	4	500 kcmil	LK14500①	LK34500①
900-1200	3	750 kcmil	LK13750①	LK33750①
	4	500 kcmil	LK14500①②	LK34500①②

Lug landing pads (LLP) are compatible with standard WB mains 1200A and below. All WB main devices from 200-1200A have square Sentron breaker lugs factory installed. NEMA 2-stud type lugs (found on page 19) and compression lugs are not compatible with standard WB mains below 1400A unless a lug landing pad is installed in place of the factory installed breakers. When a lug landing pad is installed, compression lugs or NEMA 2-stud type lugs may be used. The factory installed square lugs will no longer be compatible with the unit once the lug landing pad is installed. LLP600 for units 600A and below. LLP1200 is for units 700A-1200A. LLPs are not compatible with WB Skinny Mains.

EUSERC Breaker Main Types WEB and WEBM

Amperage	No. Wires per Phase	Max Wire Size	1 Phase lug kit	3 Phase lug kit
200-400	1	750 kcmil	LK11750N2	LK31750N2
	2	500 kcmil	LK12500N2	LK32500N2
500-600	2	500 kcmil	LK12500N2E	LK32500N2E
	2	750 kcmil	LK12750N2	LK32750N2
	3	750 kcmil	LK13750N2	LK33750N2
	4	500 kcmil	LK14500N2	LK34500N2
700-800	2	600 kcmil	LK12600N2	LK32600N2
	2	750 kcmil	LK12750N2	LK32750N2
	3	500 kcmil	LK13500N2	LK33500N2
	3	750 kcmil	LK13750N2	LK33750N2
	3	750 kcmil	LK13750N2E	LK33750N2E
	4	500 kcmil	LK14500N2	LK34500N2
	4	500 kcmil	LK14500N2E	LK34500N2E
	5	600 kcmil	LK15600N2	LK35600N2
900-1200	3	750 kcmil	LK13750N2E	LK33750N2E
	4	500 kcmil	LK14500N2E	LK34500N2E
	5	600 kcmil	LK15600N2	LK35600N2

Feed-Thru Tap Box with Breaker Type WBT

Amperage	No. Wires per Phase	Max Wire Size	3 Phase lug kit
1200	3	750 kcmil	LK33750N2
	4	500 kcmil	LK34500N2
2400	6	750 kcmil	LK36750N2
	8	500 kcmil	LK38500N2C
	8	750 kcmil	LK38750N2A

Feed-Thru Breaker Main Types BFT and BFTM

Amperage	No. Wires per Phase	Max Wire Size	1 Phase lug kit	3 Phase lug kit
1200	3	750 kcmil	LK13750N2	LK33750N2
	4	500 kcmil	LK14500N2	LK34500N2
	5	600 kcmil	LK15600N2	LK35600N2
	5	750 kcmil	LK15750N2	LK35750N2
	6	750 kcmil	LK16750N2	LK36750N2
	8	500 kcmil	LK18500N2CD	LK38500N2CD
	8	750 kcmil	LK18750N2AD	LK38750N2AD
1400-1600	5	600 kcmil	LK15600N2	LK35600N2
	5	750 kcmil	LK15750N2	LK35750N2
	6	750 kcmil	LK16750N2	LK36750N2
	8	500 kcmil	LK18500N2CD	LK38500N2CD
	8	750 kcmil	LK18750N2AD	LK38750N2AD
1800-2000	6	750 kcmil	LK16750N2	LK36750N2
	8	500 kcmil	LK18500N2CD	LK38500N2CD
	8	750 kcmil	LK18750N2AD	LK38750N2AD



LLP1200 1200A Lug landing pad

① Lug kits - Sentron mechanical breaker lugs.
② Factory installed lugs.
③ Lug landing pad must be ordered in addition to lug kit. Refer to <?> for lug landing pad options.
④ WT tap boxes require 2 lug kits when used on feed thru applications.

Lug kits for mains and taboxes

Power Mod™

Definition of suffixes:	
(no N2) =	square sentron breaker type lugs
N2(E) =	NEMA 2-stud lug mounting pattern
N2C =	Same as N2 except designed for use with copper wire. Includes upward bus extension kit.
N2A =	Same as N2 except designed for use with aluminum wire. Includes upward bus extension kit.
N2CD=	Same as N2C except includes downward bus extension kit instead of upward extension.
N2AD=	Same as N2A except includes downward bus extension kit instead of upward extension.

Note that while some connector kits may physically fit, the maximum wire range of the connector may not meet UL required bending space. If a lug kit other than what is on the wiring diagram is used, it is up to the installer to ensure the installation is acceptable.

Standard Switch Main Type WS

Amperage	No. Wires per Phase	Max Wire Size	1 Phase lug kit	3 Phase lug kit
400	1	600 kcmil	**LK11600N2**	**LK31600N2**
	2	500 kcmil	**LK12500N2**	**LK32500N2**
	2	500 kcmil	**LK12500N2E**	**LK32500N2E**
	2	750 kcmil	**LK12750N2**	**LK32750N2**
600	2	500 kcmil	**LK12500N2**	**LK32500N2**
	2	500 kcmil	**LK12500N2E**	**LK32500N2E**
800	2	600 kcmil	**LK12600N2**	**LK32600N2**
	2	750 kcmil	**LK12750N2**	**LK32750N2**
	3	500 kcmil	**LK13500N2**	**LK33500N2**
1200	4	500 kcmil	**LK14500①②**	**LK34500①②**

EUSERC Switch Main Type WES

Amperage	No. Wires per Phase	Max Wire Size	1 Phase lug kit	3 Phase lug kit
400	1	750 kcmil	**LK11750N2**	**LK31750N2**
	2	500 kcmil	**LK12500N2**	**LK32500N2**
600	2	500 kcmil	**LK12500N2**	**LK32500N2**
	2	750 kcmil	**LK12750N2**	**LK32750N2**
	3	750 kcmil	**LK13750N2**	**LK33750N2**
	4	500 kcmil	**LK14500N2**	**LK34500N2**
800	2	600 kcmil	**LK12600N2**	**LK32600N2**
	2	750 kcmil	**LK12750N2**	**LK32750N2**
	3	500 kcmil	**LK13500N2**	**LK33500N2**
	3	750 kcmil	**LK13750N2**	**LK33750N2**
	4	500 kcmil	**LK14500N2**	**LK34500N2**
1200	3	750 kcmil	**LK13750N2E**	**LK33750N2E**
	4	500 kcmil	**LK14500N2E**	**LK34500N2E**
	5	600 kcmil	**LK15600N2**	**LK35600N2**

Standard Tap Box Type WTB

Amperage	No. Wires per Phase	Max Wire Size	1 Phase lug kit	3 Phase lug kit
400	1	600 kcmil	**LK11600N2**	**LK31600N2**
	1	750 kcmil	**LK11750N2**	**LK31750N2**
	2	500 kcmil	**LK12500N2**	**LK32500N2**
800	2	600 kcmil	**LK12600N2**	**LK32600N2**
	2	750 kcmil	**LK12750N2**	**LK32750N2**
	3	500 kcmil	**LK13500N2**	**LK33500N2**
1200	3	750 kcmil	**LK13750N2**	**LK33750N2**
	4	500 kcmil	**LK14500N2**	**LK34500N2**
1600	5	600 kcmil	**LK15600N2**	**LK35600N2**
	5	750 kcmil	**LK15750N2**	**LK35750N2**
	6	750 kcmil	**LK16750N2**	**LK36750N2**
2000	6	750 kcmil	**LK16750N2**	**LK36750N2**
	8	500 kcmil	**LK18500N2C**	**LK38500N2C**
	8	750 kcmil	**LK18750N2A**	**LK38750N2A**
2400	6	750 kcmil	**LK16750N2**	**LK36750N2**
	8	500 kcmil	**LK18500N2C**	**LK38500N2C**
	8	750 kcmil	**LK18750N2A**	**LK38750N2A**

EUSERC Tap Box Type WET

Amperage	No. Wires per Phase	Max Wire Size	1 Phase lug kit	3 Phase lug kit
400	1	750 kcmil	**LK11750N2**	**LK31750N2**
	2	500 kcmil	**LK12500N2**	**LK32500N2**
800	2	600 kcmil	**LK12600N2**	**LK32600N2**
	2	750 kcmil	**LK12750N2**	**LK32750N2**
	3	500 kcmil	**LK13500N2**	**LK33500N2**
	3	750 kcmil	**LK13750N2**	**LK33750N2**
	4	500 kcmil	**LK14500N2**	**LK34500N2**
1200	3	750 kcmil	**LK13750N2E**	**LK33750N2E**
	4	500 kcmil	**LK14500N2E**	**LK34500N2E**
	5	600 kcmil	**LK15600N2**	**LK35600N2**

Feed-Thru Tap Box Type WT_PU④

Amperage	No. Wires per Phase	Max Wire Size	1 Phase lug kit	3 Phase lug kit
400	1	750 kcmil	**LK11750N2**	**LK31750N2**
	2	500 kcmil	**LK12500N2**	**LK32500N2**
800	2	600 kcmil	**LK12600N2**	**LK32600N2**
	2	750 kcmil	**LK12750N2**	**LK32750N2**
	3	500 kcmil	**LK13500N2**	**LK33500N2**
	4	500 kcmil	**LK14500N2**	**LK34500N2**
1200	3	750 kcmil	**LK13750N2**	**LK33750N2**
	4	500 kcmil	**LK14500N2E**	**LK34500N2E**
	5	600 kcmil	**LK15600N2**	**LK35600N2**
1600	5	600 kcmil	**LK15600N2**	**LK35600N2**
	5	750 kcmil	**LK15750N2**	**LK35750N2**
	6	750 kcmil	**LK16750N2**	**LK36750N2**
	8	500 kcmil	**LK18500N2C**	**LK38500N2C**
	8	750 kcmil	**LK18750N2A**	**LK38750N2A**
2000	6	750 kcmil	**LK16750N2**	**LK36750N2**
	8	500 kcmil	**LK18500N2C**	**LK38500N2C**
	8	750 kcmil	**LK18750N2A**	**LK38750N2A**
2400	6	750 kcmil	**LK16750N2**	**LK36750N2**
	8	500 kcmil	**LK18500N2C**	**LK38500N2C**
	8	750 kcmil	**LK18750N2A**	**LK38750N2A**

ConEd Tap Box Type WTBN

Amperage	No. Wires per Phase	Max Wire Size	1 Phase lug kit
400	1	600 kcmil	**LK31600N2**
	1	750 kcmil	**LK31750N2**
	2	350 kcmil	**LK32350N2**
	2	500 kcmil	**LK32500N2**
600	2	350 kcmil	**LK32350N2**
	2	500 kcmil	**LK32500N2**
800	2	600 kcmil	**LK32600N2**
	2	750 kcmil	**LK32750N2**
	3	500 kcmil	**LK33500N2**
	4	500 kcmil	**LK34500N2**
1200	3	750 kcmil	**LK33750N2**
	4	500 kcmil	**LK34500N2**

① Lug kits - Sentron mechanical breaker lugs.
② Factory installed lugs
③ Lug landing pad must be ordered in addition to lug kit. Refer to <?> for lug landing pad options.
④ WT tap boxes require 2 lug kits when used on feed thru applications.

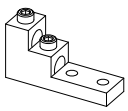
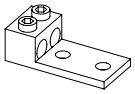
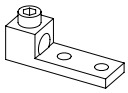
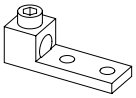
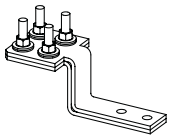
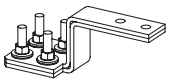
Modular metering lug kits

Power Mod™

Lug kit quick reference

- UL 486 A/B
- Tin-plated aluminium
- NEMA 2-stud lug mounting pattern

Lug kit contents

Lug Kit Catalog Number	Wire Range	Wire Range: 1/0-750 kcmil	Wire Range: #6-350 kcmil	Wire Range: #2-600 kcmil	Wire Range: 300-800 kcmil	Upward Bus Extension	Downward Bus Extension
							
		Wire Binding Screw Torque: 500 lb.-in.	Wire Binding Screw Torque: 275 lb.-in.	Wire Binding Screw Torque: 500 lb.-in.	Wire Binding Screw Torque: 500 lb.-in.	Wire Binding Screw Torque: 500 lb.-in.	Wire Binding Screw Torque: 500 lb.-in.
Lug Kit Catalog Number	**Wire Range**	**Lug Quantity**	**Lug Quantity**	**Lug Quantity**	**Lug Quantity**	**Unit Quantity**	**Unit Quantity**
LK12350N2	#6-350 kcmil		3				
LK32350N2	#6-350 kcmil		4				
LK12500N2	1/0-500 kcmil	3					
LK32500N2	1/0-500 kcmil	4					
LK12500N2E	#2-500 kcmil			6			
LK32500N2E	#2-500 kcmil			8			
LK13500N2	1/0-500 kcmil	3		3			
LK33500N2	1/0-500 kcmil	4		4			
LK14500N2	1/0-500 kcmil	6					
LK34500N2	1/0-500 kcmil	8					
LK14500N2E	1/0-500 kcmil	3		6			
LK34500N2E	1/0-500 kcmil	4		8			
LK15600N2	1/0-600 kcmil	6		3			
LK35600N2	1/0-600 kcmil	8		4			
LK11600N2	#2-600 kcmil			3			
LK31600N2	#2-600 kcmil			4			
LK12600N2	#2-600 kcmil			6			
LK32600N2	#2-600 kcmil			8			
LK11750N2	300-750 kcmil				3		
LK31750N2	300-750 kcmil				4		
LK12750N2	300-750 kcmil				6		
LK32750N2	300-750 kcmil				8		
LK13750N2	300-750 kcmil	3			3		
LK33750N2	300-750 kcmil	4			4		
LK13750N2E	300-750 kcmil				9		
LK33750N2E	300-750 kcmil				12		
LK15750N2	300-750 kcmil	6			3		
LK35750N2	300-750 kcmil	8			4		
LK16750N2	1/0-750 kcmil	9					
LK36750N2	1/0-750 kcmil	12					
LK18500N2C	1/0-500 kcmil CU	12				3	
LK38500N2C	1/0-500 kcmil CU	16				4	
LK18570N2A	1/0-750 kcmil AL	12				3	
LK38570N2A	1/0-750 kcmil AL	16				4	
LK18500N2CD	1/0-500 kcmil CU	12					3
LK38500N2CD	1/0-500 kcmil CU	16					4
LK18570N2AD	1/0-750 kcmil AL	12					3
LK38570N2AD	1/0-750 kcmil AL	16					4

Accessories and replacement parts for Uni-PAK

Uni-PAK

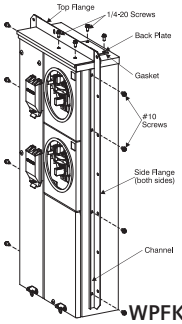
Type	Catalog No.	Product Type	Specification	Description
WP	ECBC	Breaker cover		Breaker cover replacement
	ECMFC	Pull cover		Bottom pull cover. Blank cover below the socket positions.
	ECMFMC	Meter cover		Ring type meter cover replacement
	ECMFMCR	Meter cover		Ringless meter cover replacement
	ECMF5	5th jaw		5th jaw replacement
	ECMF5i	Isolated 5th jaw		Isolated 5th jaw
	ECMFH	Horn bypass		Horn bypass kit for field replacement or addition
	ECMFS	Socket base		Meter socket base replacement
	ECMMRCK	Cover conversion kit		Ringless to ring type cover conversion kit
	ECMMRLCK	Cover conversion kit		Ring type to ringless cover conversion kit
	ECMFBM1	Breaker Mounting Base	125A	Breaker mounting base assembly replacement
	ECMFBM2	Breaker Mounting Base	225A	Breaker mounting base assembly replacement
	ECMBR2	Breaker hold-down kit		Tenant breaker hold-down kit for the 2 pole QP family of breakers. Only needed for back-feed applications.
	ECMFGN125 ①	Ground or neutral bar assembly	125A	Additional or replacement ground or neutral bar assembly for 125A PAK devices. This is also the additional replacement ground lug assembly kit for 225A PAK devices (not neutral).
	ECMFN225 ①	Neutral lug kit	225A	225A PAK neutral lug kit for additional/replacement lugs
WEP	ECBC	Breaker cover		Breaker cover replacement
	ECMFC	Pull cover		Bottom pull cover. Blank cover below the socket positions.
	ECMFMC	Meter cover		Metal meter cover replacement, ring type
	ECMF5	5th jaw		5th jaw replacement
	ECMF5i	Isolated 5th Jaw		Isolated 5th Jaw kit
	ECMFH	Horn bypass		Horn bypass kit for field replacement or addition
	ECMFS	Meter socket		Meter socket base replacement kit
	ECMFBM1	Breaker Mounting Base	125A	Breaker mounting base assembly replacement kit
	ECMFBM2	Breaker Mounting Base	225A	Breaker mounting base assembly replacement kit
	ECMBR2	Breaker hold-down kit		Tenant breaker hold-down kit for the 2 pole QP family of breakers. Only needed for back-feed applications.
	ECMFGN125 ①	Ground or neutral bar assembly	125A	Additional or replacement ground or neutral bar assembly for 125A PAK devices. This is also the additional/replacement ground lug assembly kit for 225A PAK devices (not neutral)
	ECMFN225 ①	Neutral lug kit	225A	225A PAK neutral lug kit for additional/replacement lugs
WPL	ECBC	Breaker cover		Breaker cover replacement
	ECMFBM2	Breaker Mounting Base		Breaker mounting base assembly replacement
	ECMFGN125 ①	Ground lug		Additional or replacement ground lug assembly
	ECMFN225 ①	Neutral lug		Additional or replacement neutral lug assembly
WPC	ECBC	Breaker cover		Breaker cover replacement
	ECMFC	Pull cover		Bottom pull cover. Blank cover below the socket positions.
	ECMFMC	Meter cover		Ring type meter cover replacement
	ECMFMCR	Meter cover		Ringless meter cover replacement
	ECMF5	5th jaw		5th jaw replacement
	ECMF5i	Isolated 5th Jaw		Isolated 5th jaw replacement
	ECMFH	Horn bypass		Horn bypass kit for field replacement or addition
	ECMFS	Socket base		Meter socket base replacement
	ECMFBM1	Breaker Mounting Base	125A	Breaker mounting base assembly replacement
	ECMFBM2	Breaker Mounting Base	225A	Breaker mounting base assembly replacement
	ECMFGN125 ①	Ground or neutral lug assembly	125A	Additional or replacement ground or neutral lug assembly for 125A PAK devices. Also the additional/replacement ground lug assembly kit for 225A PAK devices (not neutral).
	ECMFN225 ①	Neutral lug	225A	225A PAK neutral lug kit for additional/replacement lugs

① This kit is used for multiple applications and therefore may contain more components than required for a replacement operation.

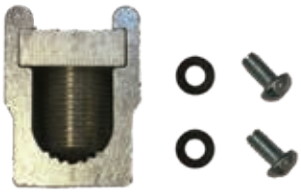
Uni-PAK accessories and hubs



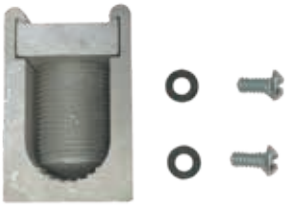
ECHS125



WPFKx



WPRLK600



WPRLK750

Uni-PAK lug kits

Catalog Number	Description
Replacement Factory Installed Lug Kits (WP & WEP Only)	
ECMLK3225	300 KCMIL - For use in devices with 200A rated bus (contains 1 lug assembly)
WPRLK600	600 KCMIL - For use in devices with 300A, 500A, 600A or 1000A rated bus (contains 1 lug assembly)
WPRLK750	750 KCMIL- For use in devices with 400A or 800A rated bus (contains 1 lug assembly)
Uni-PAK Alternate Lug Kits (WP ONLY)	
WPLK2400	400A Bus Lug Kit (2) #4-250
WPLK2600	600A Bus Lug Kit (3) #6-250
Uni-PAK NEMA Stud Kits (WEP ONLY)⑥	
WPSK400	Fits 300 - 400A
WPSK600	Fits 500 - 600A
WPSK800	800A
WPSK1000	1000A
Lug Kits (WPL ONLY)⑤	
H56476	3/0-800 kcmil
H60162	(2) 1/0-250 kcmil OR (1) #4-600 kcmil
H68752-1	(3) #6-250 kcmil
H56732	(2) #4-350 kcmil
H56732-M	(2) #4-500 kcmil

Hubs

Catalog Number	Description
Type "HD" Conduit Hubs	
EC56854	2" Conduit Hub④
EC56855	2½" Conduit Hub④
EC56856	3" Conduit Hub
EC56857	3½" Conduit Hub
EC56858	4" Conduit Hub
EC56933S	Closure Plate
Type "RX" Conduit Hubs	
EC38594	¾" Conduit Hub
EC38596	1" Conduit Hub
EC38597	1¼" Conduit Hub
EC38598	1½" Conduit Hub
EC38599	2" Conduit Hub
EC38600	2½" Conduit Hub
EC38595	Closure Plate
EC9747-1113	Adapter plate for HD/RX③

Semi-flush mounting kits (WEP only)

Flange Kit Number	Designed for use with:
WPFK1	WEP2211, WTEG2211
WPFK2	WEP3311, WTEG2211
WPFK3	WEP4411, WTEG4411
WPFK4	WEP4511, WTEG4511, WEP4611, WTEG4611
WPFK5	WEP6511, WTEG6511, WEP6611, WTEG6611
WPFK6	WEP4212, WTEG4212
WPFK7	WEP4312, WTEG4312
WPFK8	WEP4412, WTEG4412
WPFK9	WEP6412, WTEG6412
WPFK10	WEP6512, WTEG6512, WEP6612, WTEG6612
WPFK11	WEP10612, WTEG10612
WPFK12	WEP5411, WTEG5411
WPFK13	WEP8612, WTEG8612

① Not for use on lever bypass units.
② Order NSK600 and PLK600 kits for use with 800 Amp PAK. CU Cable only approved with 800A device.
③ Use Adapter plate with RX hubs for PAK units.
④ These items made of Adapter plate and equivalent RX hub.
⑤ Lug kits should be chosen based on the wire size being run to the unit. Wire should be sized according to the National Electrical Code. Lugs are sold separately. On 400-600A applications, a total of 3 lugs are required to wire the line side of the device. Lugs sold in packs of 2 pieces.
⑥ To be used with compression or mechanical lugs. Power Mod type LK_N2(E) lug kits can be used. View cutsheet for specific lug kit options.

Replacement parts for obsolete products

Power Mod™

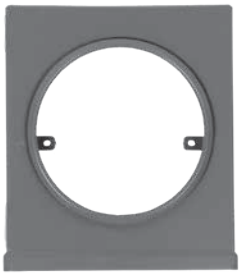
MMBMT



MMSCK1

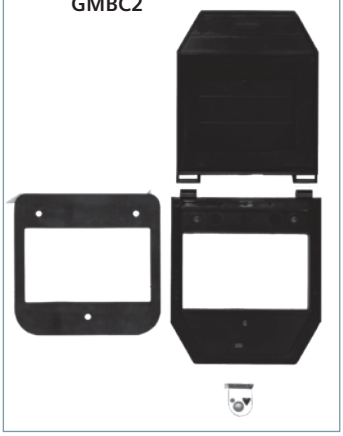


MMCVR1



Part Number	Description	Contents
Breaker Covers		
GMBC1①②	Group Metering Breaker Cover - 125Amp Positions	One Top and bottom black plastic breaker cover piece, 1 gasket, and a locking clip
GMBC2①②	Group Metering Breaker Cover - 200Amp Positions	Top and bottom black plastic breaker cover pieces, gasket, and locking clip
Meter Covers		
MMCVR1①	Modular Metering Covers 125A Ring Style	1 Ringstyle meter cover welded with support brackets and painted
MMCVR1R①	Modular Metering Covers 125A Ringless	1 Ringless style meter cover welded with support brackets and painted
MMCVR2①	Modular Metering Covers 200A Ring Style	1 Ringstyle meter cover welded with support brackets and painted
MMCVR2R①	Modular Metering Covers 200A Ringless	1 Ringless style meter cover welded with support brackets and painted
MMCVRLOW	Modular Metering Bottom Cover (neutral access cover)	Smallest (bottom) cover on meter stack and screw included
MMCVRSCR	Modular Metering Cover Screws	Bag of 10 screws
PAKMCVRR②	Tenant cover for Ring Style Uni-Pak Meter Center	1 Ringstyle meter cover welded with support brackets and painted
PAKMCVRL②	Tenant cover for RingLess Uni-Pak Meter Center	1 Ringless style meter cover welded with support brackets and painted
Meter Socket/Breaker Mounting		
MMBMT1①	Modular Metering Breaker Mounting S/A 125A	Breaker Mounting assembly includes provision for 125 or 200A breaker
MMBMT2①	Modular Metering Breaker Mounting S/A 200A	
MMSCK1①②	Modular Metering Meter Socket Assembly 125A	Meter Socket assembly includes jaws, straps, and hardware – see picture above
MMSCK2①②	Modular Metering Meter Socket Assembly 200A	
MMSRPK③	Replacement parts for 125A pre-1991 modular metering (see tip below)	1 red plastic base, 4 jaws and connecting line straps
Loose Parts Kits①		
MMPK11	Modular Metering Loose Parts Kit 125A 1 PHASE	All loose screw bags, labels, instruction sheet and aluminum sealing ring (No SBJ)
MMPK13	Modular Metering Loose Parts Kit 125A 3 PHASE	
MMPK21	Modular Metering Loose Parts Kit 200A 1 PHASE	
MMPK23	Modular Metering Loose Parts Kit 200A 3 PHASE	
Miscellaneous Replacement Parts		
ECMM5J①	5th Jaw Kit	Contains 1 fifth jaw assembly, enough for one meter socket
ECHBK①	Horn Bypass Kit	Contains 4 horn bypsasses, enough for one meter socket
ECCP3U①④	4" to 2" Filler Plate	Used beneath breaker cover to fill in the gaps on the sides of a 2-pole breaker used in a 4-inch slot

GMBC2



① Fits modular metering made from 1992-2009 and PAK devices from 1992-2003 (ie. 2nd Generation).
② Fits PAK devices from 2004-2011
③ Fits 125A modular metering and PAK made from 1980-1991 only. Not compatible with EUSERC style PAK (EUSERC versions contain suffix W/WF). No other replacement parts available (ie. 1st Generation)
④ Not for use on lever bypass units.

Brief history of residential Power Mod products

1st Generation Modular Metering③

Stacks prior to 1992 have the breaker under the meter socket.



2nd Generation Modular Metering①

From 1992 to 2009, the breakers are located on the right side of the meter socket.



Power Mod (current)

Since 2009, the breakers are now located on the left side of the meter socket.



First generation of modular metering made prior to 1992 had the breaker located below the meter socket.

Replacement parts for the first generation of multi-family metering is limited to the meter socket and breaker base replacement assembly kit MMSRPK. Figure 2 is an image of some first-generation stacks



Figure 2 - WMM44AB Stacks

Please note: We no longer offer replacement horn bypasses or 5th jaws for 1st generation metering devices.

MMSRPK – Meter socket and breaker base replacement (red base, bussing and hardware)

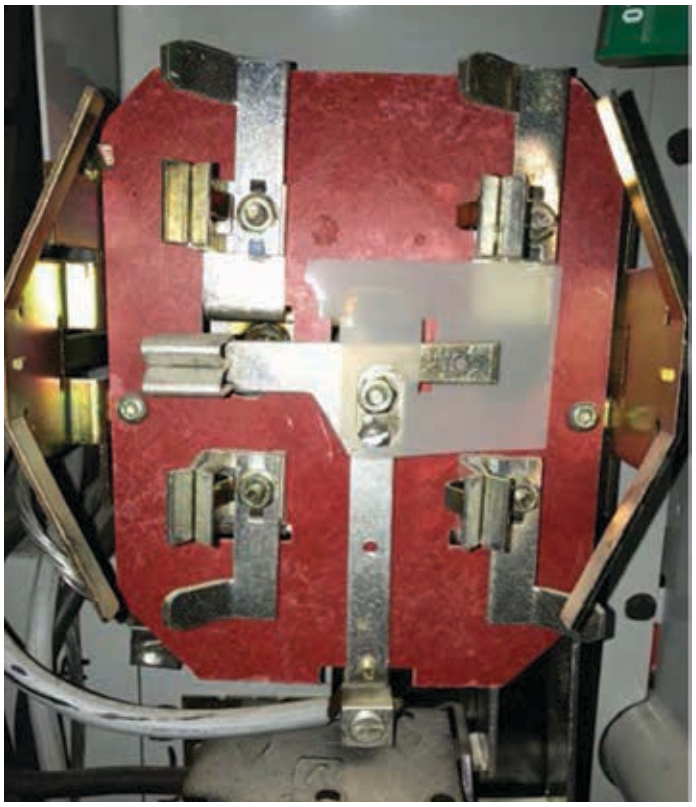


Figure 1 – MMSRPK is the replacement socket kit for this first-generation metering



Figure 3 – MMSRPK Replacement Assembly

Modular metering made between 1992-2009 is considered the second generation of modular metering. These units had the breaker located to the right of the meter socket.



Figure 4 – WMM44BCU stacks ①

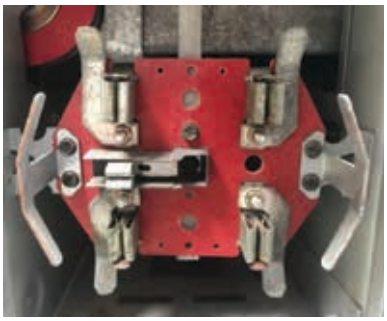


Figure 5 – MMSCK1, with ECHBK and ECMM5J



Figure 6 – MMBMT1

Replacement parts for the 125A ringless stacks in the image below include the following:

- MMSCK1 – Meter socket replacement (red base and hardware)
- ECHBK – Horn Bypass kit for one meter socket position
- ECMM5J – 5th Jaw assembly for one meter socket position
- GMBC1 – Black plastic breaker cover replacement kit
- MMCVR1R – Replacement metal ringless meter cover that goes around the base of the meter.
- MMBMT1 – Replacement breaker base assembly and bus straps that connect breaker to meter socket
- MMCVRLOW – Replacement bottom pull cover (blank cover below bottom meter position)

Here are other replacement parts for second generation meter stacks that have different specifications than these 125A ringless stacks:

- MMCVR1 – Replacement metal ring-type meter cover that goes around the base of the meter for 125A stacks
- MMCVR2 – Replacement metal ring-type meter cover that goes around the base of the meter for 200A stacks
- MMCVR2R – Replacement metal ringless meter cover that goes around the base of the meter for 200A stacks
- GMBC2 – Replacement black breaker cover for 200A units of the same style
- MMBMT2 – Replacement breaker base assembly and bus straps for 200A units
- MMSCK2 – Replacement meter socket assembly (red base and hardware) for 200A units

① Second generation stack part numbers typically ended with or contained a "U" near the end of the part number.

Modular metering made between 1992-2009 is considered the second generation of modular metering. These units had the breaker located to the right of the meter socket.

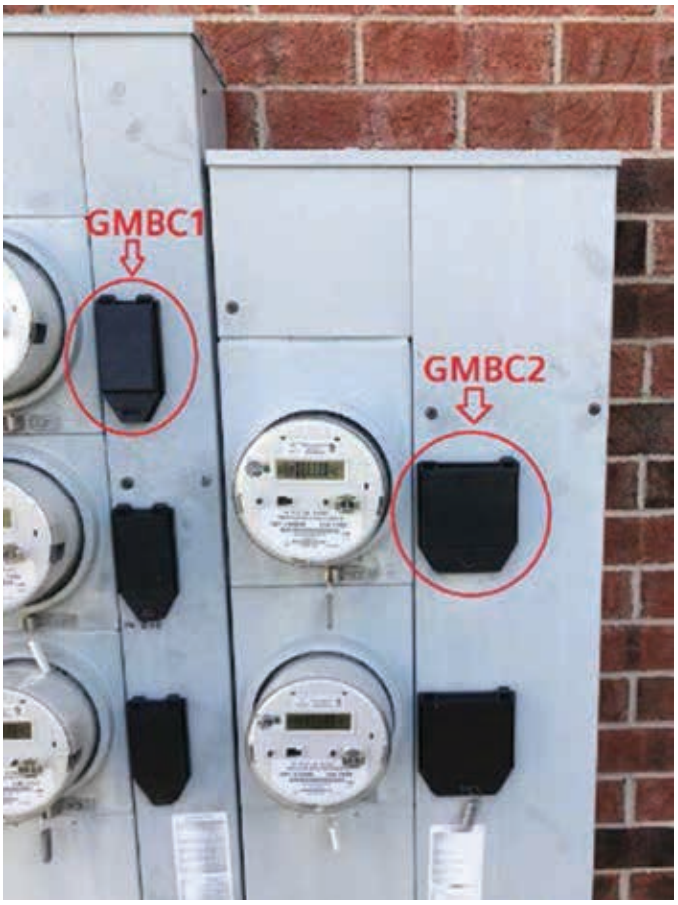


Figure 7 – GMBC1 vs GMBC2



Figure 8 – The replacement part for this cover is a GMBC2

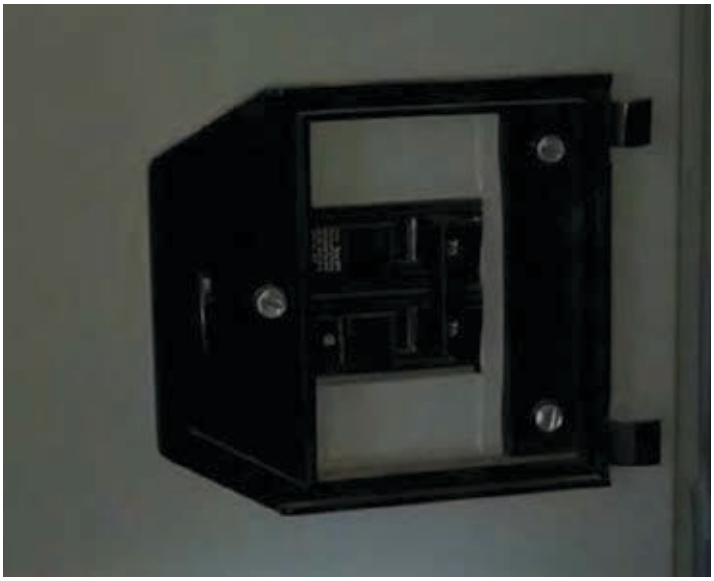


Figure 9 – Breaker covers that are side-ways use GMBC2 replacement covers

Second generation Uni-PAK images and replacement parts

Second Gen Uni-Pak: 1992-2003



Figure 10 – Gen 2 Uni-PAK (PN: W44PAKU)

Replacement parts for the 125A Uni-PAK to the left uses the same replacement parts as the 125A Power Mod unit mentioned earlier. This specific ringless 125A unit uses these replacement parts:

- MMSCK1 – Meter socket replacement (red base and hardware)
- ECHBK – Horn Bypass kit for one meter socket position
- ECMM5J – 5th Jaw assembly for one meter socket position
- GMBC1 – Black plastic breaker cover replacement kit
- MMCVR1R – Replacement metal ringless meter cover that goes around the base of the meter.
- MMBMT1 – Replacement breaker base assembly and bus straps that connect breaker to meter socket
- MMCVRLOW – Replacement bottom pull cover (blank cover below bottom meter position)

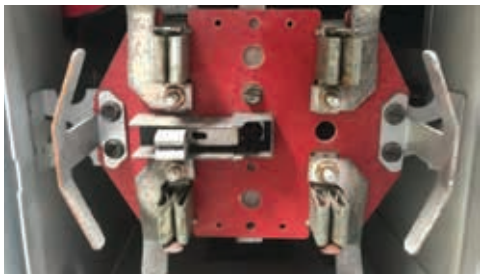


Figure 11 – Replacement socket for gen 2 and gen 2.5 Uni-Pak devices: MMSCK1

Gen 2.5 Uni-Pak: 2003(5)-2011

Uni-Pak Gen 2.5: In the mid-2000's Uni-PAK devices implemented an angled breaker to increase ease of wiring while maintaining a narrow footprint. Gen 2.5 PAKs (figure 12) immediately followed the standard Gen 2 PAK devices (figure 10). In 2011 Gen 2.5 was replaced with the current 3rd generation of Siemens Uni-PAK metering devices.

Amperage	Gen 2.5 Date Range	Available replacement parts
125A	2003-2011	GMBC1- Breaker cover MMSCK1- Meter socket PAKBMT1AL –Left Side Angled breaker base assembly PAKBMT1AR –Right Side Angled breaker base assembly
225A	2005-2011	GMBC2- Breaker cover MMSCk1- Meter socket PAKBMT2AL –Left Side Angled breaker base assembly PAKBMT2AR –Right Side Angled breaker base assembly



Figure 12 – Gen 2.5 Uni-Pak (PN: SP4312)

Breaker cover replacement kits (2nd Generation)

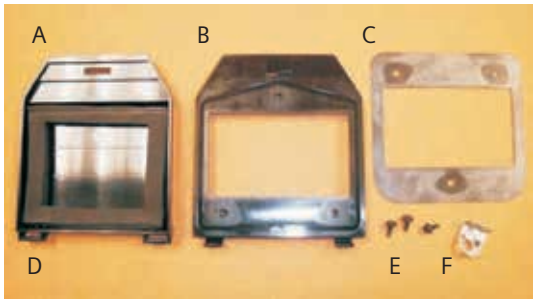
Additional information on obsolete units and replacement parts

GMBC1 125A Breaker Cover Kit Replacement Guide

Catalogs Requiring 125A Breaker Cover Replacement Kit			
Generic Catalog	Siemens Catalog	Murray Catalog	Order Kit
M211	WMM2U	NO EQUIV	GMBC1
M211R	WMM2UR	NO EQUIV	GMBC1
M211RBL	NO EQUIV	NO EQUIV	GMBC1
M211RNJ	WMM2URNJ	DC231WN	GMBC1
M311	WMM3U	DG331W	GMBC1
M311R	WMM3UR	NO EQUIV	GMBC1
M311RBL	NO EQUIV	NO EQUIV	GMBC1
M311RNJ	WMM3URNJ	DC331WN	GMBC1
M341	WMM34U	DG341W	GMBC1
M341R	WMM34UR	NO EQUIV	GMBC1
M341RBL	NO EQUIV	NO EQUIV	GMBC1
M341RNJ	WMM34URNJ	DC341WN	GMBC1
M411	WMM4U	DG431W	GMBC1
M411R	WMM4UR	NO EQUIV	GMBC1
M411RBL	NO EQUIV	NO EQUIV	GMBC1
M411RNJ	WMM4URNJ	DC431WN	GMBC1
M44AB1	WMM44ABU	DG441W	GMBC1
M44AB1R	WMM44ABUR	NO EQUIV	GMBC1
M44AB1RBL	NO EQUIV	NO EQUIV	GMBC1
M44AB1RNJ	WMM44ABURNJ	DC441WN	GMBC1
M44BC1	WMM44BCU	NO EQUIV	GMBC1
M44BC1R	WMM44BCUR	NO EQUIV	GMBC1
M44BC1RBL	NO EQUIV	NO EQUIV	GMBC1
M44BC1RNJ	WMM44BCURNJ	NO EQUIV	GMBC1
M44CA1	WMM44CAU	NO EQUIV	GMBC1
M44CA1R	WMM44CAUR	NO EQUIV	GMBC1
M44CA1RBL	NO EQUIV	NO EQUIV	GMBC1
M44CA1RNJ	WMM44CAURNJ	NO EQUIV	GMBC1
M511	WMM5U	DG531W	GMBC1
M511R	WMM5UR	NO EQUIV	GMBC1
M511RBL	NO EQUIV	NO EQUIV	GMBC1
M511RNJ	WMM5URNJ	DC531WN	GMBC1
M54AB1	WMM54ABU	DG541W	GMBC1
M54AB1R	WMM54ABUR	NO EQUIV	GMBC1
M54AB1RBL	NO EQUIV	NO EQUIV	GMBC1
M54AB1RNJ	WMM54ABURNJ	DC541WN	GMBC1
M54BC1	WMM54BCU	NO EQUIV	GMBC1
M54BC1R	WMM54BCUR	NO EQUIV	GMBC1
M54BC1RBL	NO EQUIV	NO EQUIV	GMBC1
M54BC1RNJ	WMM54BCURNJ	NO EQUIV	GMBC1
M54CA1	WMM54CAU	NO EQUIV	GMBC1
M54CA1R	WMM54CAUR	NO EQUIV	GMBC1
M54CA1RBL	NO EQUIV	NO EQUIV	GMBC1
M54CA1RNJ	WMM54CAURNJ	NO EQUIV	GMBC1
M611	WMM6U	DG631W	GMBC1
M611R	WMM6UR	NO EQUIV	GMBC1
M611RBL	NO EQUIV	NO EQUIV	GMBC1
M611RNJ	WMM6URNJ	DC631WN	GMBC1
M641	WMM64U	DG641W	GMBC1
M641R	WMM64UR	NO EQUIV	GMBC1
M641RBL	NO EQUIV	NO EQUIV	GMBC1
M641RNJ	WMM64URNJ	DC641WN	GMBC1

GMBC2 200A Breaker Cover Kit Replacement Guide

Catalogs Requiring 200A Breaker Cover Replacement Kit			
Generic Catalog	Siemens Catalog	Murray Catalog	Order Kit
M212	WMM2200U	DG232W	GMBC2
M212R	WMM2200UR	NO EQUIV	GMBC2
M212RBL	NO EQUIV	NO EQUIV	GMBC2
M212RNJ	WMM22URNJ	DC232WN	GMBC2
M24AB2	WMM24AB200U	DG242W	GMBC2
M24AB2RNJ	WMM24AB2URNJ	DC242WN	GMBC2
M312	WMM3200U	DG332W	GMBC2
M312R	WMM3200UR	DC332W	GMBC2
M312RBL	NO EQUIV	NO EQUIV	GMBC2
M312RNJ	WMM32URNJ	DC332WN	GMBC2
M342	WMM34200U	DG342W	GMBC2
M342R	WMM34200UR	NO EQUIV	GMBC2
M342RBL	NO EQUIV	NO EQUIV	GMBC2
M342RC	WMM34200URC	DC342W	GMBC2
M342RCBL	NO EQUIV	NO EQUIV	GMBC2
M342RNJ	WMM342URNJ	DC342WN	GMBC2
M412	WMM4200U	DG432W	GMBC2
M412R	WMM4200UR	DC432W	GMBC2
M412RBL	NO EQUIV	NO EQUIV	GMBC2
M412RNJ	WMM42URNJ	DC432WN	GMBC2
M44AB2	WMM44AB200U	DG442W	GMBC2
M44AB2R	WMM44AB200UR	NO EQUIV	GMBC2
M44AB2RBL	NO EQUIV	NO EQUIV	GMBC2
M44AB2RNJ	WMM44AB2URNJ	DC442WN	GMBC2
M44BC2	WMM44BC200U	NO EQUIV	GMBC2
M44BC2R	WMM44BC200UR	NO EQUIV	GMBC2
M44BC2RBL	NO EQUIV	NO EQUIV	GMBC2
M44BC2RNJ	WMM44BC2URNJ	NO EQUIV	GMBC2
M44CA2	WMM44CA200U	NO EQUIV	GMBC2
M44CA2R	WMM44CA200UR	NO EQUIV	GMBC2
M44CA2RBL	NO EQUIV	NO EQUIV	GMBC2
M44CA2RNJ	WMM44CA2URNJ	NO EQUIV	GMBC2
M54AB2	WMM54AB200U	NO EQUIV	GMBC2
M54AB2RNJ	WMM54AB2URNJ	DC542WN	GMBC2
M54BC2	WMM54BC200U	NO EQUIV	GMBC2
M54BC2RNJ	WMM54BC2URNJ	NO EQUIV	GMBC2
M54CA2	WMM54CA200U	NO EQUIV	GMBC2
M54CA2RNJ	WMM54CA2URNJ	NO EQUIV	GMBC2



GMBC2 kit

Included components:

A. Upper Breaker Cover (1)
B. Lower Breaker Cover (1)
C. Gasket (1)
D. Sealing Neoprene Gasket (1)
E. Screw (3)
F. Closing Clip (1)

Breaker mounting base replacement kits (2nd Generation)

Additional information on obsolete units and replacement parts

MMBMT1 125A Breaker Mounting Kit Replacement Guide

Catalogs Requiring 125A Breaker Mounting Kit			
Generic Catalog	Siemens Catalog	Murray Catalog	Order Kit
M211	WMM2U	NO EQUIV	MMBMT1
M211R	WMM2UR	NO EQUIV	MMBMT1
M211RBL	NO EQUIV	NO EQUIV	MMBMT1
M211RNJ	WMM2URNJ	DC231WN	MMBMT1
M311	WMM3U	DG331W	MMBMT1
M311R	WMM3UR	NO EQUIV	MMBMT1
M311RBL	NO EQUIV	NO EQUIV	MMBMT1
M311RNJ	WMM3URNJ	DC331WN	MMBMT1
M341	WMM34U	DG341W	MMBMT1
M341R	WMM34UR	NO EQUIV	MMBMT1
M341RBL	NO EQUIV	NO EQUIV	MMBMT1
M341RNJ	WMM34URNJ	DC341WN	MMBMT1
M411	WMM4U	DG431W	MMBMT1
M411R	WMM4UR	NO EQUIV	MMBMT1
M411RBL	NO EQUIV	NO EQUIV	MMBMT1
M411RNJ	WMM4URNJ	DC431WN	MMBMT1
M44AB1	WMM44ABU	DG441W	MMBMT1
M44AB1R	WMM44ABUR	NO EQUIV	MMBMT1
M44AB1RBL	NO EQUIV	NO EQUIV	MMBMT1
M44AB1RNJ	WMM44ABURNJ	DC441WN	MMBMT1
M44BC1	WMM44BCU	NO EQUIV	MMBMT1
M44BC1R	WMM44BCUR	NO EQUIV	MMBMT1
M44BC1RBL	NO EQUIV	NO EQUIV	MMBMT1
M44BC1RNJ	WMM44BCURNJ	NO EQUIV	MMBMT1
M44CA1	WMM44CAU	NO EQUIV	MMBMT1
M44CA1R	WMM44CAUR	NO EQUIV	MMBMT1
M44CA1RBL	NO EQUIV	NO EQUIV	MMBMT1
M44CA1RNJ	WMM44CAURNJ	NO EQUIV	MMBMT1
M511	WMM5U	DG531W	MMBMT1
M511R	WMM5UR	NO EQUIV	MMBMT1
M511RBL	NO EQUIV	NO EQUIV	MMBMT1
M511RNJ	WMM5URNJ	DC531WN	MMBMT1
M54AB1	WMM54ABU	DG541W	MMBMT1
M54AB1R	WMM54ABUR	NO EQUIV	MMBMT1
M54AB1RBL	NO EQUIV	NO EQUIV	MMBMT1
M54AB1RNJ	WMM54ABURNJ	DC541WN	MMBMT1
M54BC1	WMM54BCU	NO EQUIV	MMBMT1
M54BC1R	WMM54BCUR	NO EQUIV	MMBMT1
M54BC1RBL	NO EQUIV	NO EQUIV	MMBMT1
M54BC1RNJ	WMM54BCURNJ	NO EQUIV	MMBMT1
M54CA1	WMM54CAU	NO EQUIV	MMBMT1
M54CA1R	WMM54CAUR	NO EQUIV	MMBMT1
M54CA1RBL	NO EQUIV	NO EQUIV	MMBMT1
M54CA1RNJ	WMM54CAURNJ	NO EQUIV	MMBMT1
M611	WMM6U	DG631W	MMBMT1
M611R	WMM6UR	NO EQUIV	MMBMT1
M611RBL	NO EQUIV	NO EQUIV	MMBMT1
M611RNJ	WMM6URNJ	DC631WN	MMBMT1
M641	WMM64U	DG641W	MMBMT1
M641R	WMM64UR	NO EQUIV	MMBMT1
M641RBL	NO EQUIV	NO EQUIV	MMBMT1
M641RNJ	WMM64URNJ	DC641WN	MMBMT1

MMBMT2 200A Breaker Mounting Kit Replacement Guide

Catalogs Requiring 200A Breaker Mounting Kit			
Generic Catalog	Siemens Catalog	Murray Catalog	Order Kit
M212	WMM2200U	DG232W	MMBMT2
M212R	WMM2200UR	NO EQUIV	MMBMT2
M212RBL	NO EQUIV	NO EQUIV	MMBMT2
M212RNJ	WMM22URNJ	DC232WN	MMBMT2
M24AB2	WMM24AB200U	DG242W	MMBMT2
M24AB2RNJ	WMM24AB2URNJ	DC242WN	MMBMT2
M312	WMM3200U	DG332W	MMBMT2
M312R	WMM3200UR	DC332W	MMBMT2
M312RBL	NO EQUIV	NO EQUIV	MMBMT2
M312RNJ	WMM32URNJ	DC332WN	MMBMT2
M342	WMM34200U	DG342W	MMBMT2
M342R	WMM34200UR	NO EQUIV	MMBMT2
M342RBL	NO EQUIV	NO EQUIV	MMBMT2
M342RC	WMM34200URC	DC342W	MMBMT2
M342RCBL	NO EQUIV	NO EQUIV	MMBMT2
M342RNJ	WMM342URNJ	DC342WN	MMBMT2
M412	WMM4200U	DG432W	MMBMT2
M412R	WMM4200UR	DC432W	MMBMT2
M412RBL	NO EQUIV	NO EQUIV	MMBMT2
M412RNJ	WMM42URNJ	DC432WN	MMBMT2
M44AB2	WMM44AB200U	DG442W	MMBMT2
M44AB2R	WMM44AB200UR	NO EQUIV	MMBMT2
M44AB2RBL	NO EQUIV	NO EQUIV	MMBMT2
M44AB2RNJ	WMM44AB2URNJ	DC442WN	MMBMT2
M44BC2	WMM44BC200U	NO EQUIV	MMBMT2
M44BC2R	WMM44BC200UR	NO EQUIV	MMBMT2
M44BC2RBL	NO EQUIV	NO EQUIV	MMBMT2
M44BC2RNJ	WMM44BC2URNJ	NO EQUIV	MMBMT2
M44CA2	WMM44CA200U	NO EQUIV	MMBMT2
M44CA2R	WMM44CA200UR	NO EQUIV	MMBMT2
M44CA2RBL	NO EQUIV	NO EQUIV	MMBMT2
M44CA2RNJ	WMM44CA2URNJ	NO EQUIV	MMBMT2
M54AB2	WMM54AB200U	NO EQUIV	MMBMT2
M54AB2RNJ	WMM54AB2URNJ	DC542WN	MMBMT2
M54BC2	WMM54BC200U	NO EQUIV	MMBMT2
M54BC2RNJ	WMM54BC2URNJ	NO EQUIV	MMBMT2
M54CA2	WMM54CA200U	NO EQUIV	MMBMT2
M54CA2RNJ	WMM54CA2URNJ	NO EQUIV	MMBMT2



Part number: MMBMT2

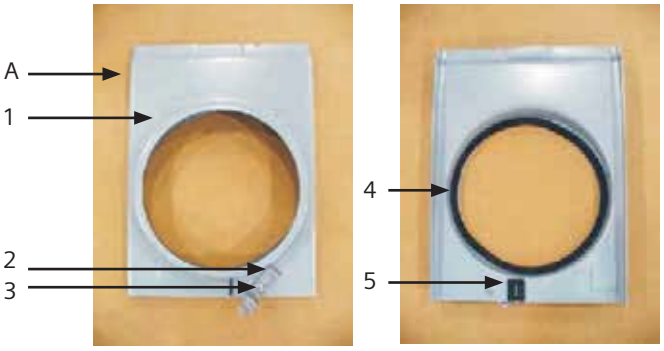
Included component:
A. Breaker mounting block

Ringless meter cover replacement kits (2nd Generation)

Additional information on obsolete units and replacement parts

MMCVR1R (125A) and MMCVR2R (200A) Ringless Meter Cover Kit Replacement Guide

Catalogs Requiring Ring Type Meter Cover			
Generic Catalog	Siemens Catalog	Murray Catalog	Order Kit
M211	WMM2U	NO EQUIV	MMCVR1
M212	WMM2200U	DG232W	MMCVR2
M24AB2	WMM24AB200U	DG242W	MMCVR2
M311	WMM3U	DG331W	MMCVR1
M312	WMM3200U	DG332W	MMCVR2
M341	WMM34U	DG341W	MMCVR1
M342	WMM34200U	DG342W	MMCVR2
M411	WMM4U	DG431W	MMCVR1
M412	WMM4200U	DG432W	MMCVR2
M44AB1	WMM44ABU	DG441W	MMCVR1
M44AB2	WMM44AB200U	DG442W	MMCVR2
M44BC1	WMM44BCU	NO EQUIV	MMCVR1
M44BC2	WMM44BC200U	NO EQUIV	MMCVR2
M44CA1	WMM44CAU	NO EQUIV	MMCVR1
M44CA2	WMM44CA200U	NO EQUIV	MMCVR2
M511	WMM5U	DG531W	MMCVR1
M54AB1	WMM54ABU	DG541W	MMCVR1
M54AB2	WMM54AB200U	NO EQUIV	MMCVR2
M54BC1	WMM54BCU	NO EQUIV	MMCVR1
M54BC2	WMM54BC200U	NO EQUIV	MMCVR2
M54CA1	WMM54CAU	NO EQUIV	MMCVR1
M54CA2	WMM54CA200U	NO EQUIV	MMCVR2
M611	WMM6U	DG631W	MMCVR1
M641	WMM64U	DG641W	MMCVR1



Included components:

A. Ringless meter cover assembly (1)
   1. Meter cover (1)
   2. Slide latch (1)
   3. Rivet (1)
   4. Meter gasket (1)
   5. Lock gasket (1)

MMCVR1R (125A) and MMCVR2R (200A) Ringless Meter Cover Kit Replacement Guide

Catalogs Requiring Ringless Type Meter Cover			
Generic Catalog	Siemens Catalog	Murray Catalog	Order Kit
M211R	WMM2UR	NO EQUIV	MMCVR1R
M211RNJ	WMM2URNJ	DC231WN	MMCVR1R
M212R	WMM2200UR	NO EQUIV	MMCVR2R
M212RBL	NO EQUIV	NO EQUIV	MMCVR2R
M212RNJ	WMM22URNJ	DC232WN	MMCVR2R
M24AB2RNJ	WMM24AB2URNJ	DC242WN	MMCVR2R
M311R	WMM3UR	NO EQUIV	MMCVR1R
M311RC	WMM3URC	DC331W	MMCVR1R
M311RNJ	WMM3URNJ	DC331WN	MMCVR1R
M312R	WMM3200UR	DC332W	MMCVR2R
M312RBL	NO EQUIV	NO EQUIV	MMCVR2R
M312RNJ	WMM32URNJ	DC332WN	MMCVR2R
M341R	WMM34UR	NO EQUIV	MMCVR1R
M341RC	WMM34URC	DC341W	MMCVR1R
M341RNJ	WMM34URNJ	DC341WN	MMCVR1R
M342R	WMM34200UR	NO EQUIV	MMCVR2R
M342RBL	NO EQUIV	NO EQUIV	MMCVR2R
M342RC	WMM34200URC	DC342W	MMCVR2R
M342RCBL	NO EQUIV	NO EQUIV	MMCVR2R
M342RNJ	WMM342URNJ	DC342WN	MMCVR2R
M411R	WMM4UR	NO EQUIV	MMCVR1R
M411RC	WMM4URC	DC431W	MMCVR1R
M411RNJ	WMM4URNJ	DC431WN	MMCVR1R
M412R	WMM4200UR	DC432W	MMCVR2R
M412RBL	NO EQUIV	NO EQUIV	MMCVR2R
M412RNJ	WMM42URNJ	DC432WN	MMCVR2R
M44AB1R	WMM44ABUR	NO EQUIV	MMCVR1R
M44AB1RC	WMM44ABURC	DC441W	MMCVR1R
M44AB1RNJ	WMM44ABURNJ	DC441WN	MMCVR1R
M44AB2R	WMM44AB200UR	NO EQUIV	MMCVR2R
M44AB2RBL	NO EQUIV	NO EQUIV	MMCVR2R
M44AB2RNJ	WMM44AB2URNJ	DC442WN	MMCVR2R
M44BC1R	WMM44BCUR	NO EQUIV	MMCVR1R
M44BC1RC	WMM44BCURC	NO EQUIV	MMCVR1R
M44BC1RNJ	WMM44BCURNJ	NO EQUIV	MMCVR1R
M44BC2R	WMM44BC200UR	NO EQUIV	MMCVR2R
M44BC2RBL	NO EQUIV	NO EQUIV	MMCVR2R
M44BC2RNJ	WMM44BC2URNJ	NO EQUIV	MMCVR2R
M44CA1R	WMM44CAUR	NO EQUIV	MMCVR1R
M44CA1RC	WMM44CAURC	NO EQUIV	MMCVR1R
M44CA1RNJ	WMM44CAURNJ	NO EQUIV	MMCVR1R
M44CA2R	WMM44CA200UR	NO EQUIV	MMCVR2R
M44CA2RBL	NO EQUIV	NO EQUIV	MMCVR2R
M44CA2RNJ	WMM44CA2URNJ	NO EQUIV	MMCVR2R
M511R	WMM5UR	NO EQUIV	MMCVR1R
M511RC	WMM5URC	DC531W	MMCVR1R
M511RNJ	WMM5URNJ	DC531WN	MMCVR1R
M54AB1R	WMM54ABUR	NO EQUIV	MMCVR1R
M54AB1RC	WMM54ABURC	DC541W	MMCVR1R
M54AB1RNJ	WMM54ABURNJ	DC541WN	MMCVR1R
M54AB2RNJ	WMM54AB2URNJ	DC542WN	MMCVR2R
M54BC1R	WMM54BCUR	NO EQUIV	MMCVR1R
M54BC1RC	WMM54BCURC	NO EQUIV	MMCVR1R
M54BC1RNJ	WMM54BCURNJ	NO EQUIV	MMCVR1R
M54BC2RNJ	WMM54BC2URNJ	NO EQUIV	MMCVR2R
M54CA1R	WMM54CAUR	NO EQUIV	MMCVR1R
M54CA1RC	WMM54CAURC	NO EQUIV	MMCVR1R
M54CA1RNJ	WMM54CAURNJ	NO EQUIV	MMCVR1R
M54CA2RNJ	WMM54CA2URNJ	NO EQUIV	MMCVR2R
M611R	WMM6UR	NO EQUIV	MMCVR1R
M611RNJ	WMM6URNJ	DC631WN	MMCVR1R
M641R	WMM64UR	NO EQUIV	MMCVR1R
M641RNJ	WMM64URNJ	DC641WN	MMCVR1R

Ring Type meter cover replacement kits (2nd Generation)

Additional information on obsolete units and replacement parts

MMCVR1 125A and MMCVR2 200A Meter Covers Kit Replacement Guide

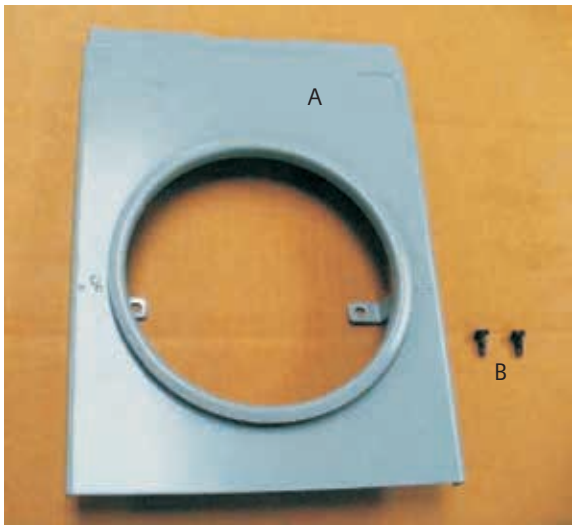
Catalogs Requiring RIngless Type Meter Cover

Generic Catalog	Siemens Catalog	Murray Catalog	Order Kit
M211R	WMM2UR	NO EQUIV	MMCVR1R
M211RNJ	WMM2URNJ	DC231WN	MMCVR1R
M212R	WMM2200UR	NO EQUIV	MMCVR2R
M212RBL	NO EQUIV	NO EQUIV	MMCVR2R
M212RNJ	WMM22URNJ	DC232WN	MMCVR2R
M24AB2RNJ	WMM24AB2URNJ	DC242WN	MMCVR2R
M311R	WMM3UR	NO EQUIV	MMCVR1R
M311RC	WMM3URC	DC331W	MMCVR1R
M311RNJ	WMM3URNJ	DC331WN	MMCVR1R
M312R	WMM3200UR	DC332W	MMCVR2R
M312RBL	NO EQUIV	NO EQUIV	MMCVR2R
M312RNJ	WMM32URNJ	DC332WN	MMCVR2R
M341R	WMM34UR	NO EQUIV	MMCVR1R
M341RC	WMM34URC	DC341W	MMCVR1R
M341RNJ	WMM34URNJ	DC341WN	MMCVR1R
M342R	WMM34200UR	NO EQUIV	MMCVR2R
M342RBL	NO EQUIV	NO EQUIV	MMCVR2R
M342RC	WMM34200URC	DC342W	MMCVR2R
M342RCBL	NO EQUIV	NO EQUIV	MMCVR2R
M342RNJ	WMM342URNJ	DC342WN	MMCVR2R
M411R	WMM4UR	NO EQUIV	MMCVR1R
M411RC	WMM4URC	DC431W	MMCVR1R
M411RNJ	WMM4URNJ	DC431WN	MMCVR1R
M412R	WMM4200UR	DC432W	MMCVR2R
M412RBL	NO EQUIV	NO EQUIV	MMCVR2R
M412RNJ	WMM42URNJ	DC432WN	MMCVR2R
M44AB1R	WMM44ABUR	NO EQUIV	MMCVR1R
M44AB1RC	WMM44ABURC	DC441W	MMCVR1R
M44AB1RNJ	WMM44ABURNJ	DC441WN	MMCVR1R
M44AB2R	WMM44AB200UR	NO EQUIV	MMCVR2R
M44AB2RBL	NO EQUIV	NO EQUIV	MMCVR2R
M44AB2RNJ	WMM44AB2URNJ	DC442WN	MMCVR2R
M44BC1R	WMM44BCUR	NO EQUIV	MMCVR1R
M44BC1RC	WMM44BCURC	NO EQUIV	MMCVR1R
M44BC1RNJ	WMM44BCURNJ	NO EQUIV	MMCVR1R
M44BC2R	WMM44BC200UR	NO EQUIV	MMCVR2R
M44BC2RBL	NO EQUIV	NO EQUIV	MMCVR2R
M44BC2RNJ	WMM44BC2URNJ	NO EQUIV	MMCVR2R
M44CA1R	WMM44CAUR	NO EQUIV	MMCVR1R
M44CA1RC	WMM44CAURC	NO EQUIV	MMCVR1R
M44CA1RNJ	WMM44CAURNJ	NO EQUIV	MMCVR1R
M44CA2R	WMM44CA200UR	NO EQUIV	MMCVR2R
M44CA2RBL	NO EQUIV	NO EQUIV	MMCVR2R
M44CA2RNJ	WMM44CA2URNJ	NO EQUIV	MMCVR2R
M511R	WMM5UR	NO EQUIV	MMCVR1R
M511RC	WMM5URC	DC531W	MMCVR1R
M511RNJ	WMM5URNJ	DC531WN	MMCVR1R
M54AB1R	WMM54ABUR	NO EQUIV	MMCVR1R
M54AB1RC	WMM54ABURC	DC541W	MMCVR1R
M54AB1RNJ	WMM54ABURNJ	DC541WN	MMCVR1R
M54AB2RNJ	WMM54AB2URNJ	DC542WN	MMCVR2R
M54BC1R	WMM54BCUR	NO EQUIV	MMCVR1R
M54BC1RC	WMM54BCURC	NO EQUIV	MMCVR1R
M54BC1RNJ	WMM54BCURNJ	NO EQUIV	MMCVR1R
M54BC2RNJ	WMM54BC2URNJ	NO EQUIV	MMCVR2R
M54CA1R	WMM54CAUR	NO EQUIV	MMCVR1R
M54CA1RC	WMM54CAURC	NO EQUIV	MMCVR1R
M54CA1RNJ	WMM54CAURNJ	NO EQUIV	MMCVR1R
M54CA2RNJ	WMM54CA2URNJ	NO EQUIV	MMCVR2R
M611R	WMM6UR	NO EQUIV	MMCVR1R
M611RNJ	WMM6URNJ	DC631WN	MMCVR1R
M641R	WMM64UR	NO EQUIV	MMCVR1R
M641RNJ	WMM64URNJ	DC641WN	MMCVR1R

MMCVR1 125A and MMCVR2 200A Meter Covers Kit Replacement Guide

Catalogs Requiring RIng Type Meter Cover

Generic Catalog	Siemens Catalog	Murray Catalog	Order Kit
M211	WMM2U	NO EQUIV	MMCVR1
M212	WMM2200U	DG232W	MMCVR2
M24AB2	WMM24AB200U	DG242W	MMCVR2
M311	WMM3U	DG331W	MMCVR1
M312	WMM3200U	DG332W	MMCVR2
M341	WMM34U	DG341W	MMCVR1
M342	WMM34200U	DG342W	MMCVR2
M411	WMM4U	DG431W	MMCVR1
M412	WMM4200U	DG432W	MMCVR2
M44AB1	WMM44ABU	DG441W	MMCVR1
M44AB2	WMM44AB200U	DG442W	MMCVR2
M44BC1	WMM44BCU	NO EQUIV	MMCVR1
M44BC2	WMM44BC200U	NO EQUIV	MMCVR2
M44CA1	WMM44CAU	NO EQUIV	MMCVR1
M44CA2	WMM44CA200U	NO EQUIV	MMCVR2
M511	WMM5U	DG531W	MMCVR1
M54AB1	WMM54ABU	DG541W	MMCVR1
M54AB2	WMM54AB200U	NO EQUIV	MMCVR2
M54BC1	WMM54BCU	NO EQUIV	MMCVR1
M54BC2	WMM54BC200U	NO EQUIV	MMCVR2
M54CA1	WMM54CAU	NO EQUIV	MMCVR1
M54CA2	WMM54CA200U	NO EQUIV	MMCVR2
M611	WMM6U	DG631W	MMCVR1
M641	WMM64U	DG641W	MMCVR1



Included components:
A. Welded Ring Type Meter Cover (1)
B. Meter Cover Screw (2)

Q. Can new Power Mod products attach or be added on to older Siemens multi-family metering devices in the field?

A. All new Power Mod modules will work with any old Mod Metering that used the SBJ (Single Bolt Joint) cross bus connection. The SBJ is now called the QC (Quick Connect). The only main concern is that the cross bus was at a different height in the old units. Be sure to make sure you have enough room and clearances using the new units which may have a different cross bus height.

Q. What is the kit needed to replace screws used to mount a QR or QJ breaker in a 3-Phase WML stack?

A. ECMMQRSCR

Q. Does Siemens offer any replacement parts for old Crouse Hinds metering products?

A. No.

Q. Are any filler plates available that can be used to fill blank breaker openings under the breaker cover on the meter stacks?

A. The only filler plate kit we still offer is ECCP3U. This kit is installed beneath the breaker cover to fill in the gaps on the sides of a 2-pole breaker used in a 4-inch slot. Other filler plate kits are no longer available. In all other applications, the blank breaker positions should be closed with the breaker cover and locked.

Q. Which units come with WMEP end plates?

A. Typically, Main breakers, Switches, and Tapboxes come with WMEP plates.

Q. Which units come with QC connectors?

A. Typically, meter stacks and auxiliary modules come with QC connectors.

Q. Product label says, "AFFIX CATALOG NO. HERE", and shows the part number as a number starting with "47xxxxx". How do I find what the actual part number is for this unit? (example image below)

A. The real part number for these units can be found on the inside label on the metal cover over the breaker side of the stack. 47xxxxx was the factory's part number for the outside label. When this unit shipped it had part number labels shipped unattached, and it was the installers responsibility to attach the part number label in the field, which frequently didn't happen.



Links to resources

Power Mod™ and Uni-PAK

Power Mod™ Selection and Application Guide

www.downloads.siemens.com/download-center/Download.aspx?pos=download&fct=getasset&id1=BTLV_49829

Digimag Speedfax

www.usa.siemens.com/speedfax

Download Center

http://w3.usa.siemens.com/powerdistribution/us/en/resources/Pages/DownloadCenter.aspx

Power Mod™ Basic Installation | Volt Stream Video Series

www.youtube.com/watch?v=mfi2FJpUvuw&t

Power Mod™ Advanced Installation | Volt Stream Video Series

www.youtube.com/watch?v=Y2o-xZy53d4

Notes

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