

BUYLOG SECTION 2

Metering

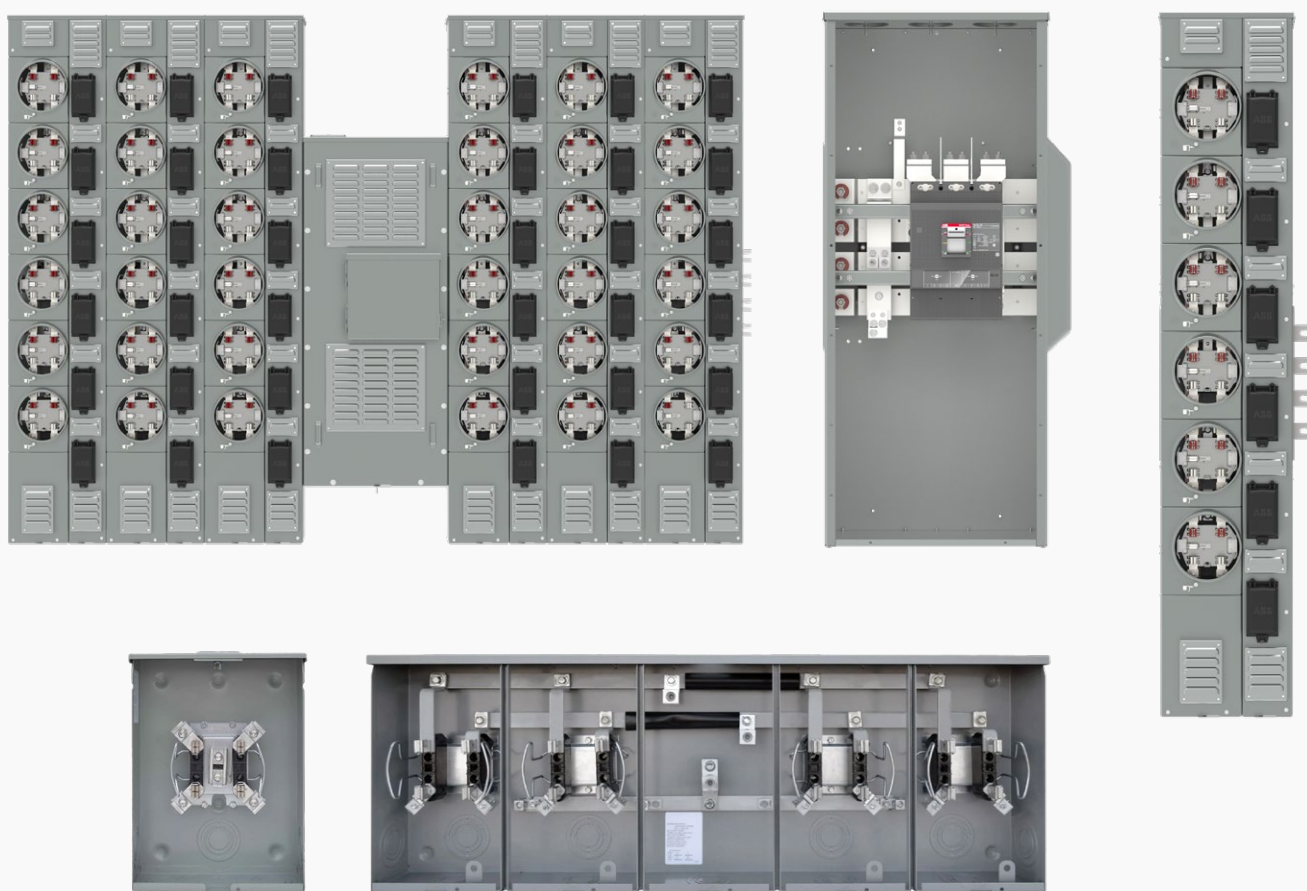


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Overview



		ReliaMod™	Meter Mod III	Mini Mod III	Horizontal metering	Single socket metering
Application		Multi family	Multi family	Multi family	Multi-family	Single family/ commercial/ light industrial
Phases	Single	■	■	■	■	■
	Three	■	■			■
No of Sockets		no limit	no limit	Up to 6	Up to 6	1
Expandable		Yes	Yes	No	No	No
Amperage range		400-2000	400-2000	200-600	Up to 200	Up to 320
Voltage		240 V	240 V	240 V	600 V	600 V
Interrupting circuit rating @ 240 VAC		Up to 100kA	Up to 100kA	Up to 100kA		
Construction	Indoor/ outdoor NEMA 3R	■	■	■	■	■
Socket Types	Ring	■	■	■	■	■
	Ringless	■	■	■	■	■
	Ringless with Horn by-pass	■	■	■	■	■
	Ringless with lever by-pass	■	■		■	■
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Accessories

By-pass kits	■	■	■		
Semi-flush kits			■		
Fifth jaw kits	■	■	■	■	■
Lug landing kit		■	■		
Connecting hubs	■			■	■
Cover plates	■			■	■

ReliaMod™

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ReliaMod™

Main modules

Product overview



ReliaMod™ main breaker or main fusible switch modules are all UL listed and consist of a single means of disconnect and overcurrent protection. ReliaMod™ also offers UL listed main lug modules and main lug feed through modules where disconnecting means and overcurrent protection are provided by another separate upstream disconnect or downstream via tenant breakers or via other means. All ReliaMod™ main modules are suitable for service entrance applications and consist of N3R outdoor enclosures and horizontal bussing and connectors to allow meter modules to be added to the left and/or right of the unit depending on the application allowing for maximum flexibility.

Features

- ABB modular metering provides for single-phase, three-wire, 120/240V AC; three-phase, four-wire 120/208Y applications, and three-phase in/out, 240 Volt max delta systems.
- Main breaker modules include UL489, standard 80% rated circuit breakers.
- ReliaMod™ main fusible switch modules include a UL489 molded case switch for on/off function and provisions for Class T fuses for overcurrent protection. Class T fuses are not included and are to be provided and installed by others.
- EUSERC main breaker and main fusible switch modules come with integrated pull box and lug landing pads to comply with EUSERC requirements.
- All mains are required to be center feed only when the main breaker is greater than horizontal bus amps.
- All mains are offered with short circuit ratings through 100,000 amps RMS symmetrical.
- All ReliaMod™ mains are suitable for service entrance applications
- Series ratings are available from main breakers to tenant breakers (See DET-008 for more information on series ratings).
- Interchangeable single and three-phase main and meter modules.
- All enclosures are NEMA 3R indoor/outdoor construction.
- Shunt trips are available for field installation across all main breakers (400A through 2000A).
- Flexible lug sizes through 750 kcmil across almost all main modules.
- RELT (Reduced Energy Let Through) is standard on all main breakers 1200A and above to comply with NEC 240.87 arc flash maintenance requirements.
- Shear nuts are included on all horizontal bus connections to eliminate the need for time-consuming torque readings. This breakaway nut provides a visual indicator of torque.
- ABB modular metering offers a broad selection of accessories for flexibility: Surge protective device modules, Pull boxes, Elbows, Spacers, etc.
- ABB ReliaMod™ horizontal bus does not match up to GE Meter Mod III horizontal bus, so any ReliaMod™ section cannot be connected to any GE Meter Mod III section and vice versa without a bus transition adapter section. Please refer to the ReliaMod™ bus transition adapter page of the BuyLog for more information.

ReliaMod™

Main modules

Ordering code construction - UL Main module

	R	MM	3	L	20	R	FTL
ABB ReliaMod identification							
Meter product type							Additional features
MM = Main/Meter Module							L = Lugs for 6 cables per phase and neutral (1400-1600A MCB Only)
Phase type							FTL = Feed-Thru Lugs (MLO Only)
1 = 1 Phase							CLL = Lug Landing Pad
3 = 3 Phase							
Main type							R = NEMA Type 3R Rainproof
BL = Main Breaker Top/Bottom Fed – 65K Max (400-1200A)							
BH = Main Breaker Top/Bottom Fed – 100K Max (400-1200A)							
BB = Main Breaker – Bottom Fed – 100K Max (1400-2000A)							
BT = Main Breaker – Top Fed – 100K Max (1400-2000A)							
BEL = Main Breaker With Integral Pull Box – EUSERC – 65K Max (400-1200A)							
BEH = Main Breaker With Integral Pull Box – EUSERC – 100K Max (400-1200A)							
F = Main Fusible Switch – Top/Bottom Fed – 100K Max (400-800A)							
FE = Main Fusible Switch With Integral Pull Box – EUSERC							
L = Main Lug – Top/Bottom Fed (400-2000A, 100K Max)							
P = Pull Box							
							Main amperage rating
							4 = 400A
							6 = 600A
							8 = 800A
							10 = 1000A
							12 = 1200A
							14 = 1400A
							16 = 1600A
							20 = 2000A

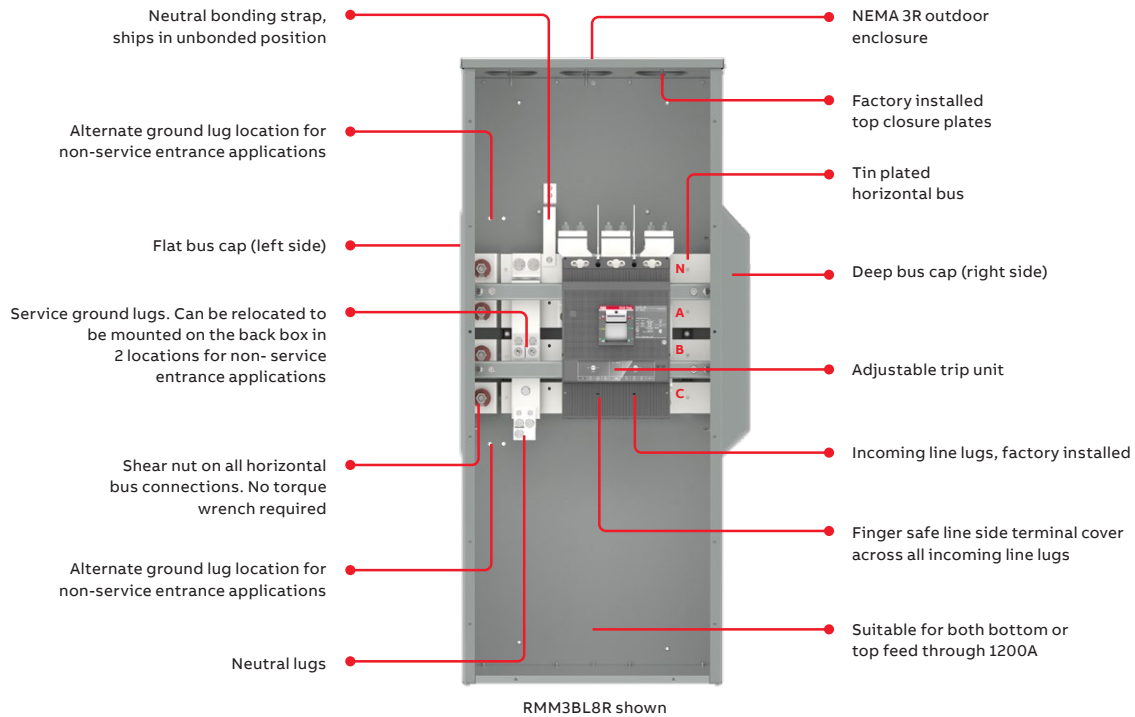
Please Note: ABB ReliaMod™ horizontal bus does not match up to GE Meter Mod III horizontal bus, so any ReliaMod™ section cannot be connected to any GE Meter Mod III section and vice versa without a bus transition adapter section. Please refer to the ReliaMod™ bus transition adapter page of the BuyLog for more information.

ReliaMod™

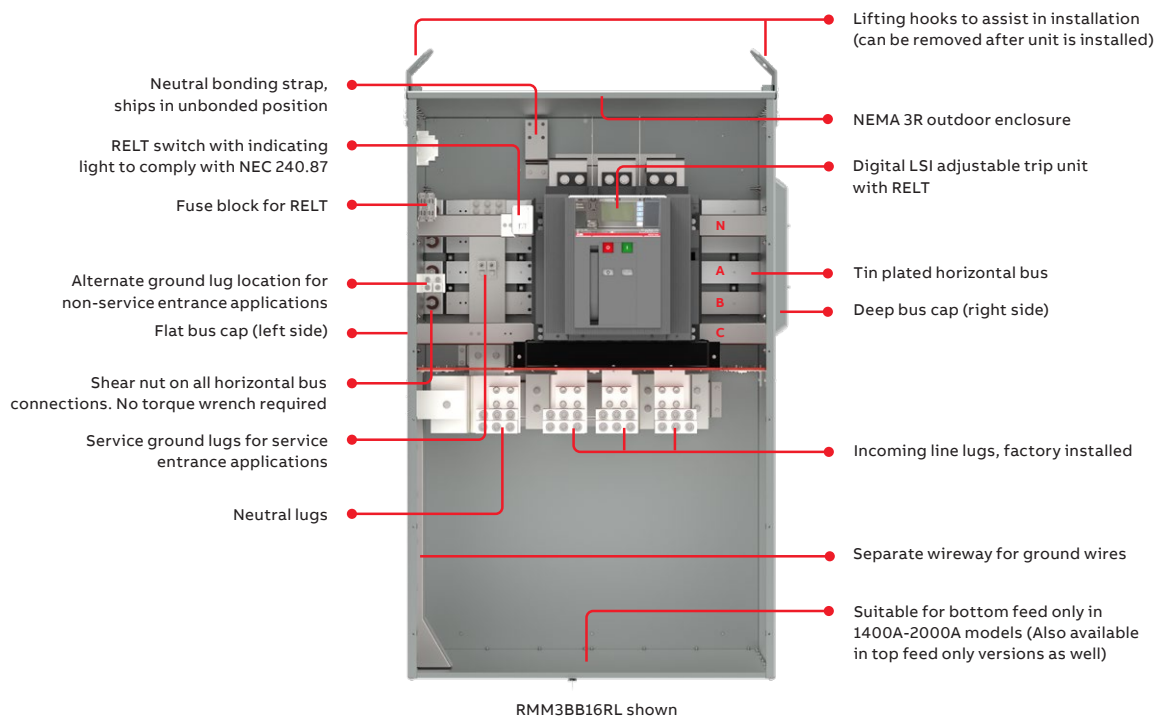
Main modules

Construction details

Construction Details: Main breaker modules 400A-2000A in 1-Phase and 3-Phase models (800A MCB Module Shown below)



Construction Details: Main breaker modules 400A-2000A in 1-Phase and 3-Phase models (1600A MCB Module Shown below)

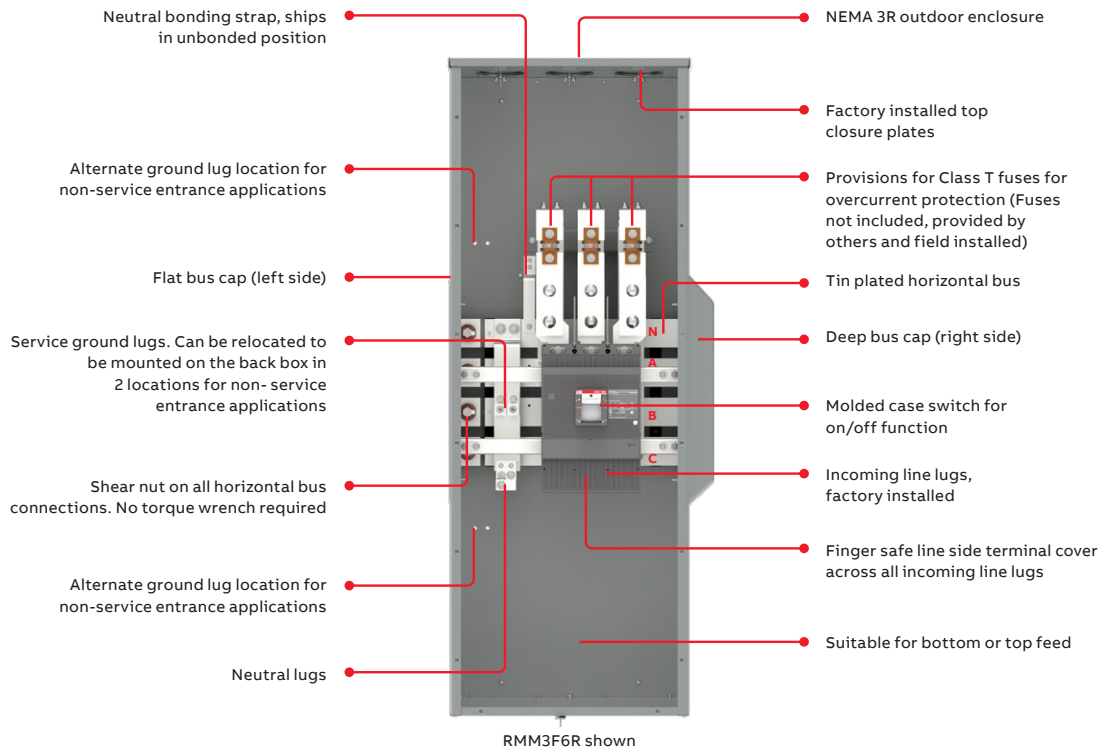


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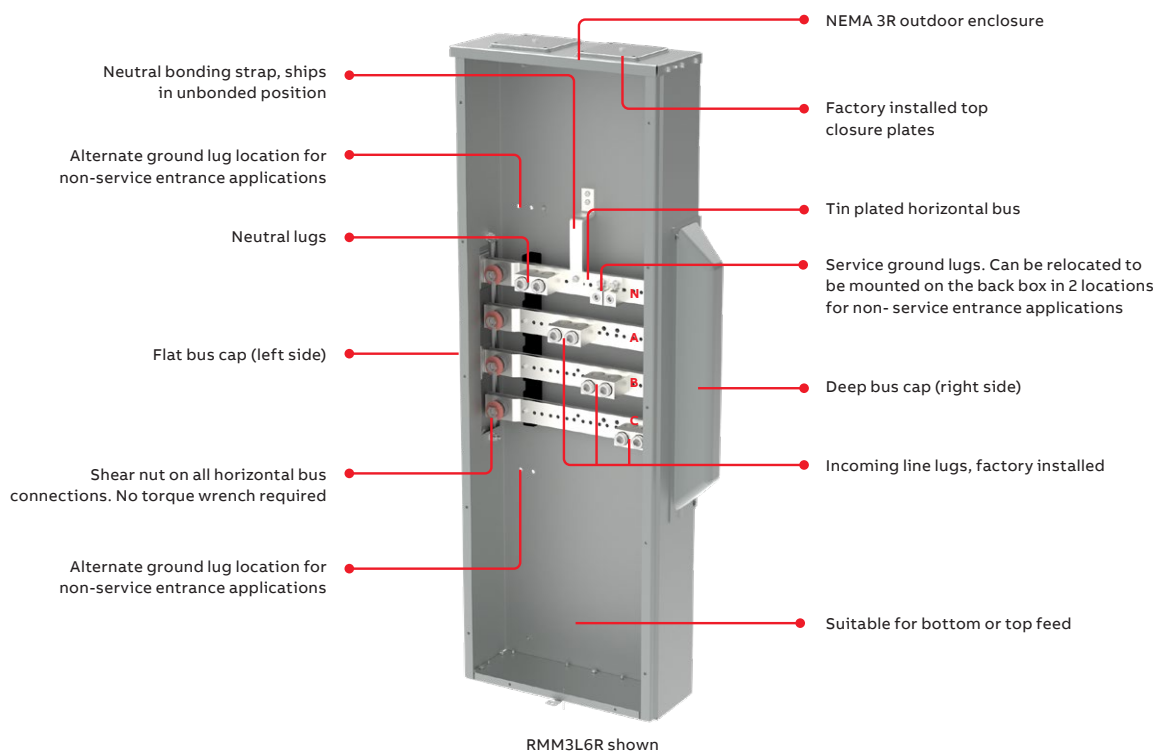
Main modules

Construction details

Construction Details: Main fusible switch modules 400A-800A in 1-Phase and 3-Phase models



Construction Details: Main Lug Modules 400A-2000A in 1-Phase and 3-Phase models

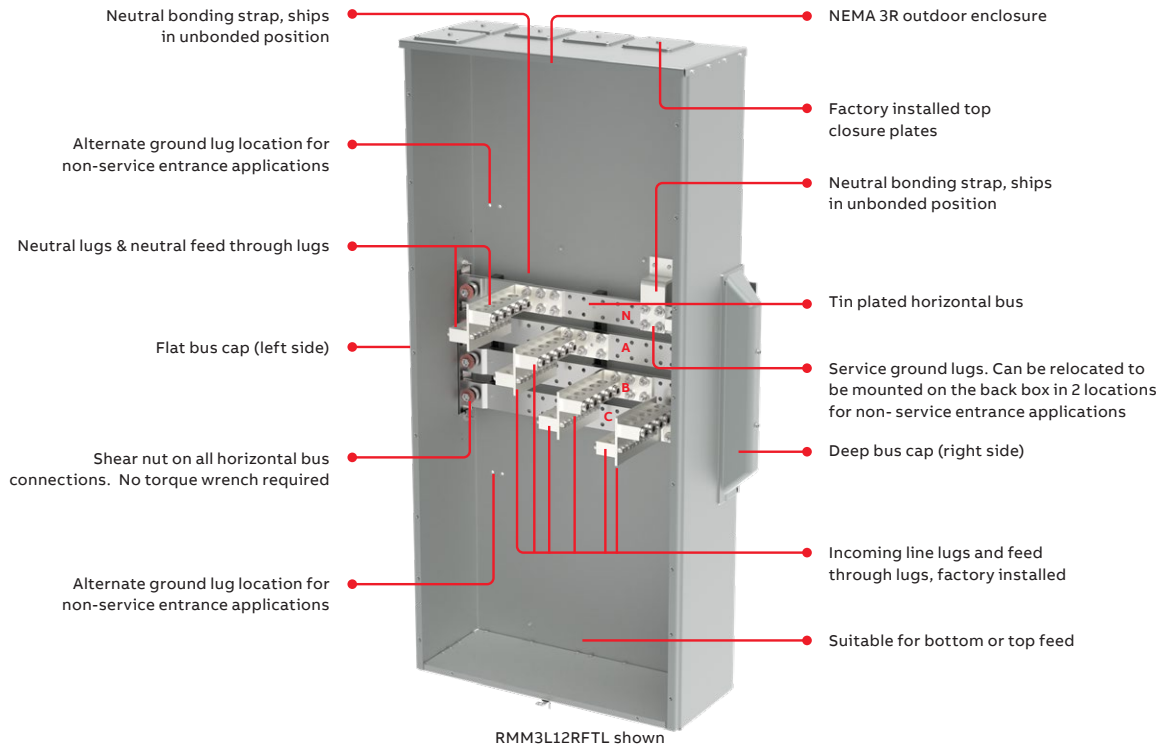


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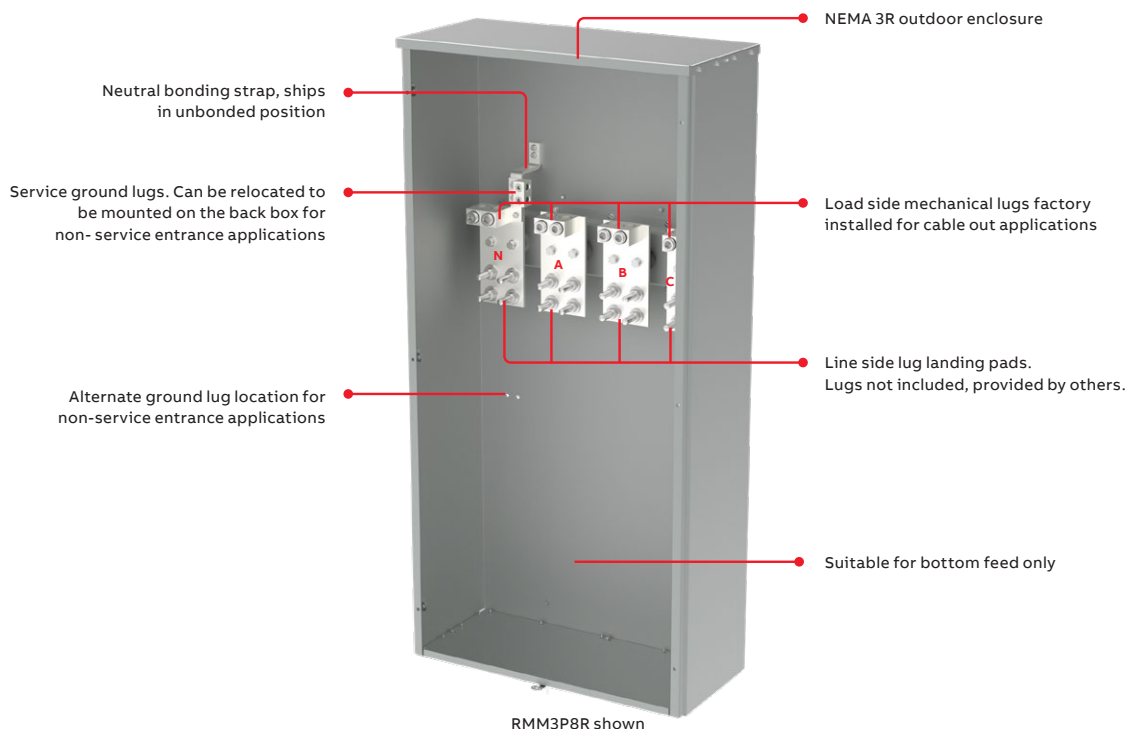
Main modules

Construction details

Construction Details: Main Lug Feed Through Modules 1200A-2000A in 1-Phase and 3-Phase models



Construction Details: Pull Boxes Available in 400A, 800A, and 1200A Models in both 1-Phase and 3-Phase for cable in, cable out applications. No horizontal cross bus.



ReliaMod™

Main breaker modules



800A MCB Module:
RMM1BL8R



1600A MCB Module:
RMM1BB16RL

Main breaker modules: 1-phase 3 wire 120/240Vac, lugs included

Main ampere rating	kAIC	Main breaker frame	Breaker trip unit	Wire entry	Incoming lug sizes per phase & neutral (AWG/kcmil Cu/Al)	Service ground/ equipment ground (AWG/kcmil Cu/Al)	Ordering code
400	65	XT5N	TMA	Top/Bottom	(2) 2/0 - 500	(2) #6-350	RMM1BL4R
	100	XT5S					RMM1BH4R
600	65	XT5N			(2) 2/0 - 500		RMM1BL6R
	100	XT5S					RMM1BH6R
800	65	XT6N			(3) 2/0 - 400		RMM1BL8R
	100	XT6S					RMM1BH8R
1000	65	XT7S	Ekip Dip LS/I		(4) 4/0 - 500		RMM1BL10R ³
	100	XT7H					RMM1BH10R ³
1200	65	XT7S	Ekip Touch LSI		(4) 4/0 - 500		RMM1BL12R ^{1,3}
	100	XT7H					RMM1BH12R ^{1,3}
1400	100	T8V	PR332/P LSI	Bottom	Lug landing pad accepts up to 6 wire landings per phase & neutral. Lugs not included, to be provided by others.		RMM1BB14RCLL ^{1,2}
					(4) 1/0 - 750		RMM1BB14R ^{1,5}
					(6) 1/0 - 750		Coming soon ^{1,4}
				Top	(4) 1/0 - 750		RMM1BT14R ^{1,5}
					(6) 1/0 - 750		Coming soon ^{1,4}
1600				Bottom	Lug landing pad accepts up to 6 wire landings per phase & neutral. Lugs not included, to be provided by others.		RMM1BB16RCLL ^{1,2}
					(4) 1/0 - 750		RMM1BB16R ^{1,5}
					(6) 1/0 - 750		Coming soon ^{1,4}
				Top	(4) 1/0 - 750		RMM1BT16R ^{1,5}
					(6) 1/0 - 750		Coming soon ^{1,4}
2000				Bottom	(6) 1/0 - 750		Coming soon ¹
				Top			Coming soon ¹

Note: Please click on any specific ReliaMod™ ordering code with a hyperlink to be taken to the respective outline drawing/spec sheet for the product to view additional technical details.

¹RELT included

²Lug landing pad only. Lugs not included, to be provided by others.

³For larger 600-750 kcmil lugs on an XT7 frame main module, please order RXT7LUGKIT750. This kit will include mechanical lugs to accommodate (3) 500-750 kcmil Cu/Al cables per phase and neutral.

⁴This main breaker module comes with (6) cable mechanical lugs per phase and neutral that accept (6) 1/0-750 kcmil Cu/Al cables. It has a larger enclosure than its (4) cable lug counterpart indicated in footnote 5.

⁵This main breaker module comes with (4) cable mechanical lugs per phase and neutral that accept (4) 1/0-750 kcmil Cu/Al cables. This unit comes in a smaller enclosure and is more economical than a (6) cable lug model. However, please confirm these lugs meets your project requirements as there is no lug kit to change the lugs in the field once this item ships. If you require lugs that accept 5 or 6 cables per phase and neutral, please select the alternate version of this main module per footnote 4.

ReliaMod™

Main breaker modules



800A MCB Module:
RMM3BL8R



1600A MCB Module:
RMM3BB16RL

Main breaker modules: 3-phase 4 wire 208Y/120Vac or 120/240V delta hi-leg, lugs included

Main ampere rating	kAIC	Main breaker frame	Breaker trip unit	Wire entry	Incoming lug sizes per phase & neutral (AWG/kcmil Cu/Al)	Service ground/ equipment ground (AWG/kcmil Cu/Al)	Ordering code
400	65	XT5N	TMA	Top/Bottom	(2) 2/0 - 500	(2) #6-350	RMM3BL4R
	100	XT5S					RMM3BH4R
600	65	XT5N			(2) 2/0 - 500		RMM3BL6R
	100	XT5S					RMM3BH6R
800	65	XT6N	Ekip Dip LS/I		(3) 2/0 - 400		RMM3BL8R
	100	XT6S					RMM3BH8R
1000	65	XT7S			(4) 4/0 - 500		RMM3BL10R ³
	100	XT7H					RMM3BH10R ³
1200	65	XT7S	Ekip Touch LSI		(4) 4/0 - 500		RMM3BL12R ^{1,3}
	100	XT7H					RMM3BH12R ^{1,3}
1400	100	T8V	PR332/P LSI	Bottom	Lug landing pad accepts up to 6 wire landings per phase & neutral. Lugs not included, to be provided by others.		RMM3BB14RCLL ^{1,2}
					(4) 1/0 - 750		RMM3BB14R ^{1,5}
					(6) 1/0 - 750		Coming soon ^{1,4}
				Top	(4) 1/0 - 750		RMM3BT14R ^{1,5}
					(6) 1/0 - 750		Coming soon ^{1,4}
1600				Bottom	Lug landing pad accepts up to 6 wire landings per phase & neutral. Lugs not included, to be provided by others.		RMM3BB16RCLL ^{1,2}
					(4) 1/0 - 750		RMM3BB16R ^{1,5}
					(6) 1/0 - 750		Coming soon ^{1,4}
				Top	(4) 1/0 - 750		RMM3BT16R ^{1,5}
					(6) 1/0 - 750		Coming soon ^{1,4}
2000				Bottom	(6) 1/0 - 750		Coming soon ¹
					(6) 1/0 - 750		Coming soon ¹

Note: Please click on any specific ReliaMod™ ordering code with a hyperlink to be taken to the respective outline drawing/spec sheet for the product to view additional technical details.

¹RELT included

²Lug landing pad only. Lugs not included, to be provided by others.

³For larger 600-750 kcmil lugs on an XT7 frame main module, please order RXT7LUGKIT750. This kit will include mechanical lugs to accommodate (3) 500-750 kcmil Cu/Al cables per phase and neutral.

⁴This main breaker module comes with (6) cable mechanical lugs per phase and neutral that accept (6) 1/0-750 kcmil Cu/Al cables. It has a larger enclosure than its (4) cable lug counterpart indicated in footnote 5.

⁵This main breaker module comes with (4) cable mechanical lugs per phase and neutral that accept (4) 1/0-750 kcmil Cu/Al cables. This unit comes in a smaller enclosure and is more economical than a (6) cable lug model. However, please confirm these lugs meets your project requirements as there is no lug kit to change the lugs in the field once this item ships. If you require lugs that accept 5 or 6 cables per phase and neutral, please select the alternate version of this main module per footnote 4.

ReliaMod™

EUSERC main breaker modules



800A MCB Module:
RMM3BEL8R

Euserc main breaker: w/ pull box, 1-phase 3 wire 120/240Vac

Main ampere rating	kAIC	Main breaker frame	Breaker trip unit	Wire entry	Incoming lug sizes per phase & neutral (AWG/kcmil Cu/Al)	Service ground/ equipment ground (AWG/kcmil Cu/Al)	Ordering code
400	65	XT5N	TMA	Bottom	Lug landing pad accepts up to 1 wire landings per phase & neutral. Lugs not included, to be provided by others.	(2) #6-350	RMM1BEL4R¹
	100	XT5S					RMM1BEH4R¹
600	65	XT5N			Lug landing pad accepts up to 2 wire landings per phase & neutral. Lugs not included, to be provided by others.		RMM1BEL6R¹
	100	XT5S					RMM1BEH6R¹
800	65	XT6N			Lug landing pad accepts up to 2 wire landings per phase & neutral. Lugs not included, to be provided by others.		RMM1BEL8R¹
	100	XT6S					RMM1BEH8R¹
1000	65	XT7S	Ekip Dip LS/I	Lug landing pad accepts up to 3 wire landings per phase & neutral. Lugs not included, to be provided by others.	RMM1BEL10R¹		
	100	XT7H			RMM1BEH10R¹		
1200	65	XT7S	Ekip Touch LSI		RMM1BEL12R^{1,2}		
	100	XT7H			RMM1BEH12R^{1,2}		

Note: These main breaker modules conform to EUSERC drawings 315, 345, and 347. However, for EUSERC applications please check with local utility requirements to make sure the pull box meets their specific dimensional requirements. Some specific EUSERC utilities or applications may require you to use a commercial metering switchboard or another type of solution other than these main breaker modules.

Note: Please click on any specific ReliaMod™ ordering code with a hyperlink to be taken to the respective outline drawing/spec sheet for the product to view additional technical details.



1200A MCB Module:
RMM3BEL12R

Euserc main breaker: w/ pull box, 3-phase 4 wire 208Y/120Vac or 120/240V delta hi-leg

Main ampere rating	kAIC	Main breaker frame	Breaker trip unit	Wire entry	Incoming lug sizes per phase & neutral (AWG/kcmil Cu/Al)	Service ground/ equipment ground (AWG/kcmil Cu/Al)	Ordering code
400	65	XT5N	TMA	Bottom	Lug landing pad accepts up to 1 wire landings per phase & neutral. Lugs not included, to be provided by others.	(2) #6-350	RMM3BEL4R¹
	100	XT5S					RMM3BEH4R¹
600	65	XT5N			Lug landing pad accepts up to 2 wire landings per phase & neutral. Lugs not included, to be provided by others.		RMM3BEL6R¹
	100	XT5S					RMM3BEH6R¹
800	65	XT6N			Lug landing pad accepts up to 2 wire landings per phase & neutral. Lugs not included, to be provided by others.		RMM3BEL8R¹
	100	XT6S					RMM3BEH8R¹
1000	65	XT7S	Ekip Dip LS/I	Lug landing pad accepts up to 3 wire landings per phase & neutral. Lugs not included, to be provided by others.	RMM3BEL10R¹		
	100	XT7H			RMM3BEH10R¹		
1200	65	XT7S	Ekip Touch LSI		Lug landing pad accepts up to 3 wire landings per phase & neutral. Lugs not included, to be provided by others.	RMM3BEL12R^{1,2}	
	100	XT7H				RMM3BEH12R^{1,2}	

Note: These main breaker modules conform to EUSERC drawings 315, 345, and 347. However, for EUSERC applications please check with local utility requirements to make sure the pull box meets their specific dimensional requirements. Some specific EUSERC utilities or applications may require you to use a commercial metering switchboard or another type of solution other than these main breaker modules.

Note: Please click on any specific ReliaMod™ ordering code with a hyperlink to be taken to the respective outline drawing/spec sheet for the product to view additional technical details.

¹Lug landing pad only. Lugs not included, to be provided by others.

²RELT included



ReliaMod™

Main breaker trip unit summary

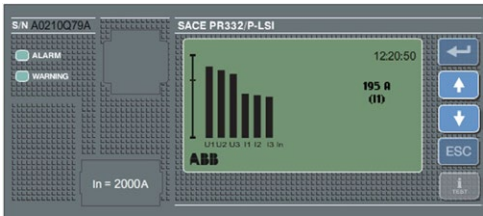
Below is a summary of the trip units that will come in any main breaker module available in the ReliaMod™ modular metering offering.

ReliaMod™ main breaker module trip unit data

Main breaker frame	Amperage	Poles	kAIC @ 240V	Trip unit
T8V	1400A-2000A	2 and 3	100	PR332/P LSI ¹
XT7S	1200A		65	Ekip Touch LSI ¹
XT7H			100	
XT7S	1000A		65	Ekip Dip LS/I
XT7H			100	
XT6N	800A		65	TMA
XT6S			100	
XT5N	400A-600A		65	TMA
XT5S			100	

¹All 1200A and above breaker trip units will automatically be provided with Arc Reduction (RELT) to comply with NEC 240.87

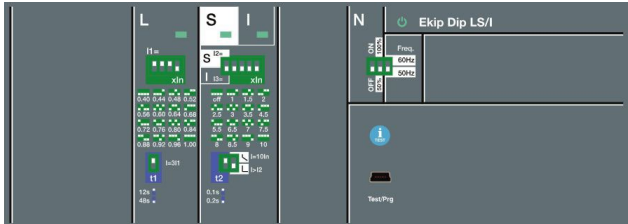
SACE PR332/P LSI Trip Unit in T8V 1400A-2000A Frame Main Breaker Modules (RELT Included)
Breaker is LSI only. Ground Fault not included.



Ekip Touch LSI Trip Unit in Tmax XT7 Frame in 1200A Main Breaker Modules (RELT Included)



Ekip Dip LS/I Trip Unit in Tmax XT7 1000A Main Breaker Modules Only



Thermal Magnetic Adjustable (TMA) Trip Unit in Tmax XT5 400A-600A and XT6 800A Frame Main Breaker Modules



ReliaMod™

Thermal magnetic adjustable (TMA) trip units

All 400A and 600A breakers in the ReliaMod™ offering will be the Tmax XT5 TMA frame breaker and all 800A breakers in the ReliaMod™ offering will be the Tmax XT6 TMA frame breaker. This includes both main breaker modules and tenant mains in 400A meter stacks. While these Tmax XT breakers do not have rating plugs to adjust trip ratings, the TMA trip unit does have some level of adjustability.

Tmax XT breakers with TMA (Thermal Mag Adjustable) trip units have an adjustable long time overload protection setting of Max, Medium, and Min. The Max setting is the breaker frame rating. So if you have a 400A XT5 breaker at max, the long-time overload is 400A. From there, you go down 15% from the 400A max to get the Medium setting. And then down 30% from the 400A max to get the minimum setting.

Examples

800A XT6 Frame TMA Breaker

Long Time Overload Setting:

Max: 800A

Med: 680A

Min: 560A

600A XT5 Frame TMA Breaker

Long Time Overload Setting:

Max: 600A

Med: 510A

Min: 420A

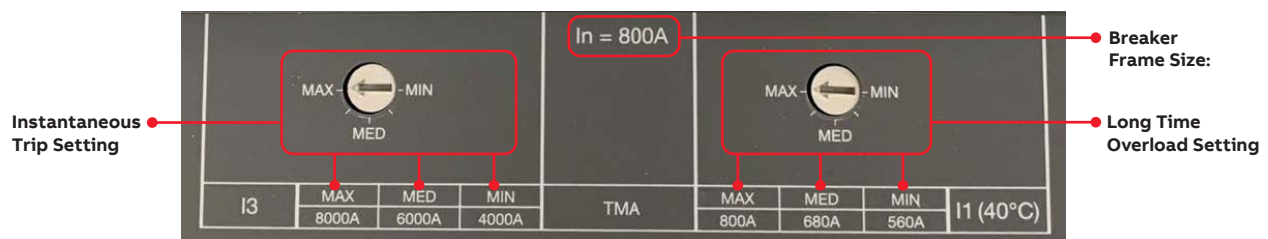
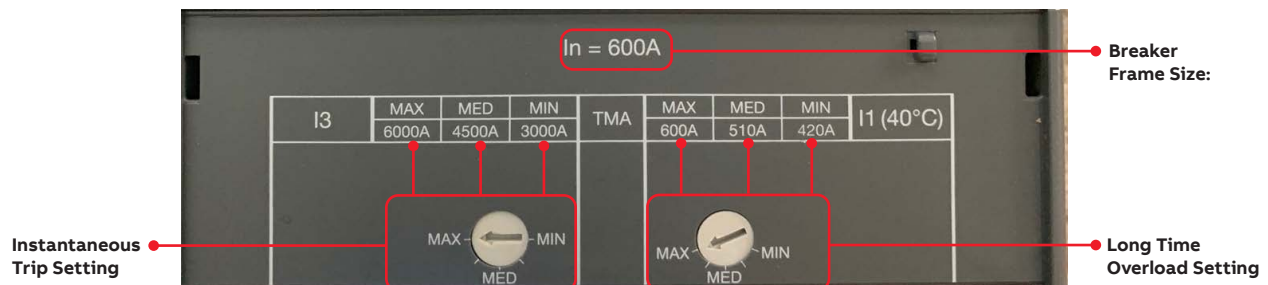
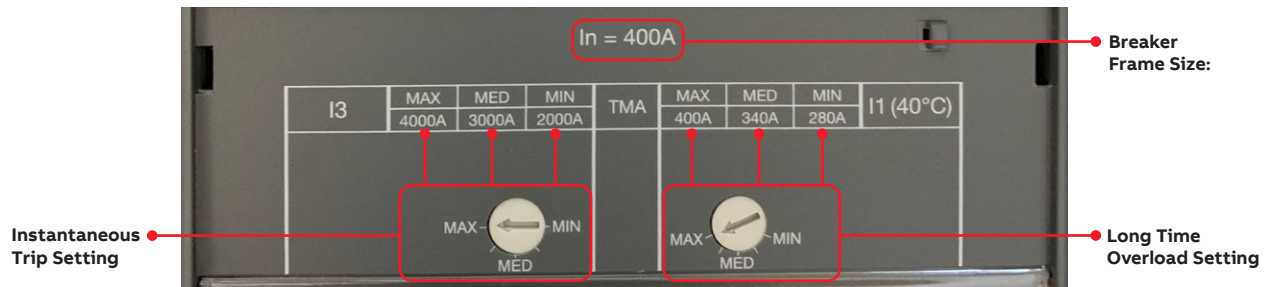
400A XT5 Frame TMA Breaker

Long Time Overload Setting:

Max: 400A

Med: 340A

Min: 280A



ReliaMod™

Ekip Dip LS/I and Ekip Dip Touch LSI adjustable trip units

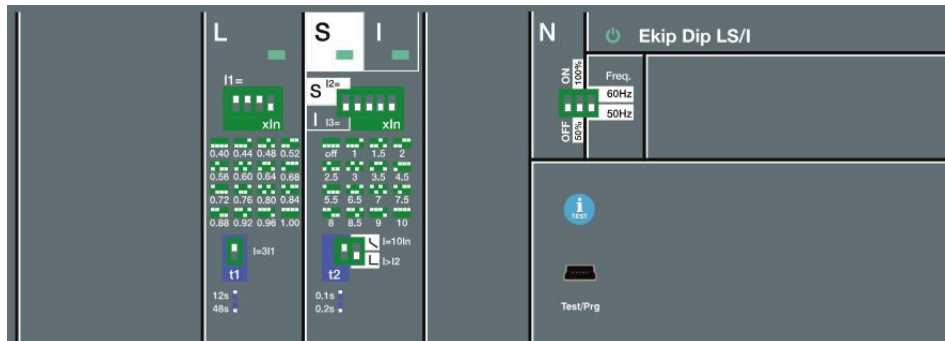
Ekip Dip LS/I adjustable trip unit (on all 1000A ReliaMod™ main breaker modules)

All ReliaMod™ 1000A main breaker modules come with a 1000A XT7 frame circuit breaker with Ekip Dip LS/I trip unit. This trip unit has an adjustable long-time overload setting that can be adjusted via dip switches on the face of the trip unit. With this trip unit on the XT7 1000A frame, the adjustability options of the long-time overload are as follows:

1000A, 960A, 920A, 880A, 840A, 800A, 760A, 720A, 680A, 640A, 600A, 560A, 520A, 480A, 440A, 400A

For more information, please refer to the ABB circuit breaker trip simulator at:

<https://new.abb.com/low-voltage/products/circuit-breakers/trip-unit-simulator>



Ekip Touch LSI adjustable trip unit (on all 1200A ReliaMod™ main breaker modules)

All ReliaMod™ 1200A main breaker modules come with a 1200A XT7 frame circuit breaker with a digital Ekip Touch LSI trip unit and RELT. This trip unit has fully adjustable and independent long-time, short-time, and instantaneous protection settings. The adjustable long-time overload setting can be adjusted in increments of 0.001 times the frame size of the breaker (1200A for ReliaMod™) down to a minimum of 40% or 0.4 of the frame size.

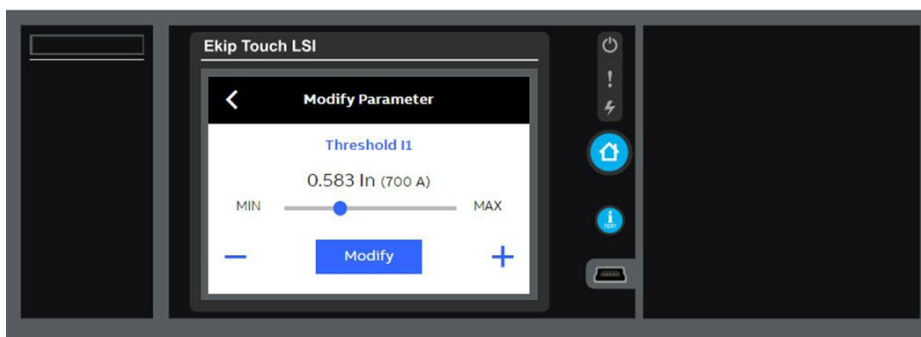
For example:

- A 1200A Frame XT7 breaker with Ekip Touch trip unit can have its long-time overload setting adjusted down to 0.583 to achieve a 700A rating: $0.583 \times 1200A \text{ frame} = 700A$

This gives you maximum adjustability of the long-time overload setting.

For more information, please refer to the ABB circuit breaker trip simulator at:

<https://new.abb.com/low-voltage/products/circuit-breakers/trip-unit-simulator>



ReliaMod™

PR332/P LSI adjustable trip units

PR332/P LSI adjustable trip unit (on all 1400A, 1600A, and 2000A ReliaMod™ main breaker modules)

All ReliaMod™ 1400A, 1600A, and 2000A main breaker modules come with a T8 frame circuit breaker with a digital PR332/P LSI trip unit and RELT. This trip unit has fully adjustable and independent long-time, short-time, and instantaneous protection settings. The adjustable long-time overload setting can be adjusted in increments of 0.01 times the frame size of the breaker (1600A or 2000A for ReliaMod™) down to a minimum of 40% or 0.4 of the frame size.

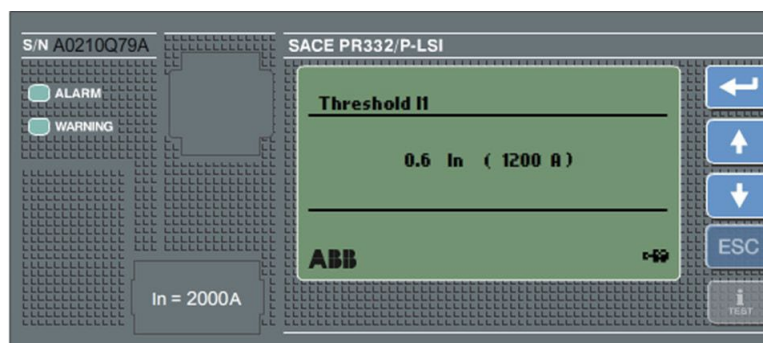
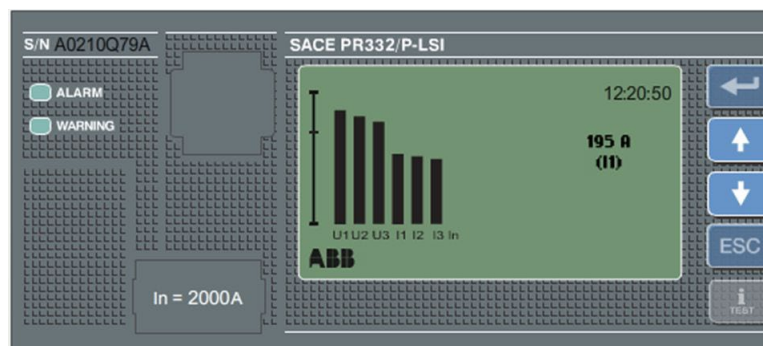
This gives you maximum adjustability of the long-time overload setting.

For more information, please refer to the ABB XT circuit breaker trip simulator at:

<https://new.abb.com/low-voltage/products/circuit-breakers/tmax/trip-unit-simulator-xt>

For example:

- A 2000A Frame T8 breaker with PR332/P LSI trip unit can have its long-time overload setting adjusted down to 0.6 to achieve a 1200A rating:
 $0.6 \times 2000A \text{ frame} = 1200A$
- A 1600A Frame T8 breaker with PR332/P LSI trip unit can have its long-time overload setting adjusted down to 0.75 to achieve a 1200A rating:
 $0.75 \times 1600A \text{ frame} = 1200A$



ReliaMod™

Main fusible switch modules

ReliaMod™ main fusible switch modules include a UL489 molded case switch for on/off function and provisions for Class T fuses for overcurrent protection. Class T fuses are not included and are to be provided and installed by others.

Note: Please click on any specific ReliaMod™ ordering code with a hyperlink to be taken to the respective outline drawing/spec sheet for the product to view additional technical details.



600A MFS Module:
RMM3F6R

Main fusible switch: 1-phase 3 wire 120/240Vac, lugs included, Class T fuses not included, order separately.

Main ampere rating	kAIC	Fuse class	Fusible switch frame	Wire entry	Incoming lug sizes per phase & neutral (AWG/kcmil Cu/Al)	Service ground/ equipment ground (AWG/kcmil Cu/Al)	Ordering code
400	100	Class T Only	XT5-D	Top/Bottom	(2) 2/0 - 500	(2) #6-350	RMM1F4R
600			XT6-D		(3) 2/0 - 400		RMM1F6R
800			XT7-D		(4) 4/0 - 500		RMM1F8R¹

Main fusible switch: 3-phase 4 wire 208Y/120Vac or 120/240Vac delta hi-leg, lugs included, Class T fuses not included order separately.

Main ampere rating	kAIC	Fuse class	Fusible switch frame	Wire entry	Incoming lug sizes per phase & neutral (AWG/kcmil Cu/Al)	Service ground/ equipment ground (AWG/kcmil Cu/Al)	Ordering code
400	100	Class T Only	XT5-D	Top/Bottom	(2) 2/0 - 500	(2) #6-350	RMM3F4R
600			XT6-D		(3) 2/0 - 400		RMM3F6R
800			XT7-D		(4) 4/0 - 500		RMM3F8R¹



800A MFS Module:
RMM3FE8RCLL

Euserc main fusible switch w/ pull box: 1-phase 3 wire 120/240Vac, Class T fuses not included, order separately

Main ampere rating	kAIC	Fuse class	Fusible switch frame	Wire entry	Incoming lug sizes per phase & neutral (AWG/kcmil Cu/Al)	Service ground/ equipment ground (AWG/kcmil Cu/Al)	Ordering code
400	100	Class T Only	XT5-D	Bottom	Lug landing pad accepts up to 1 wire landings per phase & neutral. Lugs not included, to be provided by others.	(2) #6-350	RMM1FE4RCLL²
600			XT6-D		Lug landing pad accepts up to 2 wire landings per phase & neutral. Lugs not included, to be provided by others.		RMM1FE6RCLL²
800			XT7-D		Lug landing pad accepts up to 2 wire landings per phase & neutral. Lugs not included, to be provided by others.		RMM1FE8RCLL²

Note: These main fusible modules conform to EUSERC drawings 315, 345, and 347. However, for EUSERC applications please check with local utility requirements to make sure the pull box meets their specific dimensional requirements. Some specific EUSERC utilities or applications may require you to use a commercial metering switchboard or another type of solution other than these main breaker modules.

Euserc main fusible switch w/ pull box: 3-phase 4 wire, 208Y120Vac or 120/240Vac delta hi-leg, Class T fuses not included, order separately

Main ampere rating	kAIC	Fuse class	Fusible switch frame	Wire entry	Incoming lug sizes per phase & neutral (AWG/kcmil Cu/Al)	Service ground/ equipment ground (AWG/kcmil Cu/Al)	Ordering code
400	100	Class T Only	XT5-D	Bottom	Lug landing pad accepts up to 1 wire landings per phase & neutral. Lugs not included, to be provided by others.	(2) #6-350	RMM3FE4RCLL²
600			XT6-D		Lug landing pad accepts up to 2 wire landings per phase & neutral. Lugs not included, to be provided by others.		RMM3FE6RCLL²
800			XT7-D		Lug landing pad accepts up to 2 wire landings per phase & neutral. Lugs not included, to be provided by others.		RMM3FE8RCLL²

Note: These main fusible modules conform to EUSERC drawings 315, 345, and 347. However, for EUSERC applications please check with local utility requirements to make sure the pull box meets their specific dimensional requirements. Some specific EUSERC utilities or applications may require you to use a commercial metering switchboard or another type of solution other than these main breaker modules.

¹For larger 600-750 kcmil lugs on an XT7 frame main module, please order RXT7LUGKIT750. This kit will include mechanical lugs to accommodate (3) 500-750 kcmil Cu/Al cables per phase and neutral

²Lug landing pad only. Lugs not included, to be provided by others.

ReliaMod™

Main lug modules



600A MLO Module:
RMM3L6R



1200A MLO
Feed Through Module:
RMM3L12RFTL

Main lug modules: 1-phase 3 wire 120/240Vac, lugs included

Main ampere rating	kAIC	Wire entry	Incoming lug sizes per phase & neutral (AWG/kcmil Cu/Al)	Service ground/equipment ground (AWG/kcmil Cu/Al)	Ordering code
400	100	Top/Bottom	(1) 2/0-600 or (2) 2/0 - 250 and (1) 6-250	(2) #6-350	RMM1L4R
600			(2) 250-750 or (4) 3/0 - 250		RMM1L6R
800			(3) 250-750 or (6) 3/0-250		RMM1L8R
1200			(3) 250-750 or (6) 3/0-250		RMM1L12R
1600			(8) 250-750 or (16) 3/0-250		RMM1L16R
2000			(8) 250-750 or (16) 3/0 - 250		RMM1L20R

Note: If you are using any type of ABB ReliaMod™ main lug module in a service entrance application you will need to have a main disconnect in front of it to comply with NEC 2020 service disconnect barrier and finger safe requirements. ABB ReliaMod™ meter stacks do not have barriers between tenant breakers nor finger safe barriers for the line side of the tenant breakers.

Note: Please click on any specific ReliaMod™ ordering code with a hyperlink to be taken to the respective outline drawing/spec sheet for the product to view additional technical details.

Main lug modules: 3-phase 4 wire 208Y/120Vac or 120/240V delta hi-leg, lugs included

Main ampere rating	kAIC	Wire entry	Incoming lug sizes per phase & neutral (AWG/kcmil Cu/Al)	Service ground/equipment ground (AWG/kcmil Cu/Al)	Ordering code
400	100	Top/Bottom	(1) 2/0-600 or (2) 2/0 - 250 or (1) 6-250	(2) #6-350	RMM3L4R
600			(2) 250-750 or (4) 3/0 - 250		RMM3L6R
800			(3) 250-750 or (6) 3/0-250		RMM3L8R
1200			(3) 250-750 or (6) 3/0-250		RMM3L12R
1600			(8) 250-750 or (16) 3/0-250		RMM3L16R
2000			(8) 250-750 or (16) 3/0 - 250		RMM3L20R

Note: If you are using any type of ABB ReliaMod™ main lug module in a service entrance application you will need to have a main disconnect in front of it to comply with NEC 2020 service disconnect barrier and finger safe requirements. ABB ReliaMod™ meter stacks do not have barriers between tenant breakers nor finger safe barriers for the line side of the tenant breakers.

Note: Please click on any specific ReliaMod™ ordering code with a hyperlink to be taken to the respective outline drawing/spec sheet for the product to view additional technical details.

Main lug modules with feed through lugs: 1-phase 3 wire 120/240Vac, lugs included

Main ampere rating	kAIC	Wire entry	Incoming line lug sizes per phase & neutral (AWG/kcmil Cu/Al)	Outgoing load lugs per phase & neutral (AWG/kcmil Cu/Al)	Service ground/equipment ground (AWG/kcmil Cu/Al)	Ordering code
1200	100	Top/Bottom	(5) 250-750 or (10) 3/0 - 250	(5) 250-750 or (10) 3/0 - 250	(4) #6-350	RMM1L12RFTL
1600			(8) 250-750 or (16) 3/0 - 250	(8) 250-750 or (16) 3/0 - 250		RMM1L16RFTL
2000			(8) 250-750 or (16) 3/0 - 250	(8) 250-750 or (16) 3/0 - 250		RMM1L20RFTL

Note: If you are using any type of ABB ReliaMod™ main lug module in a service entrance application you will need to have a main disconnect in front of it to comply with NEC 2020 service disconnect barrier and finger safe requirements. ABB ReliaMod™ meter stacks do not have barriers between tenant breakers nor finger safe barriers for the line side of the tenant breakers.

Note: Please click on any specific ReliaMod™ ordering code with a hyperlink to be taken to the respective outline drawing/spec sheet for the product to view additional technical details.

Main lug modules with feed through lugs: 3-phase 4 wire 208Y/120Vac or 120/240V delta hi-leg, lugs included

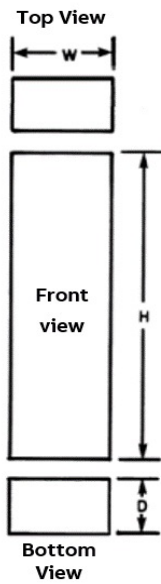
Main ampere rating	kAIC	Wire entry	Incoming line lug sizes per phase & neutral (AWG/kcmil Cu/Al)	Outgoing load lugs per phase & neutral (AWG/kcmil Cu/Al)	Service ground/equipment ground (AWG/kcmil Cu/Al)	Ordering code
1200	100	Top/Bottom	(5) 250-750 or (10) 3/0 - 250	(5) 250-750 or (10) 3/0 - 250	(4) #6-350	RMM3L12RFTL
1600			(8) 250-750 or (16) 3/0 - 250	(8) 250-750 or (16) 3/0 - 250		RMM3L16RFTL
2000			(8) 250-750 or (16) 3/0 - 250	(8) 250-750 or (16) 3/0 - 250		RMM3L20RFTL

Note: If you are using any type of ABB ReliaMod™ main lug module in a service entrance application you will need to have a main disconnect in front of it to comply with NEC 2020 service disconnect barrier and finger safe requirements. ABB ReliaMod™ meter stacks do not have barriers between tenant breakers nor finger safe barriers for the line side of the tenant breakers.

Note: Please click on any specific ReliaMod™ ordering code with a hyperlink to be taken to the respective outline drawing/spec sheet for the product to view additional technical details.

ReliaMod™

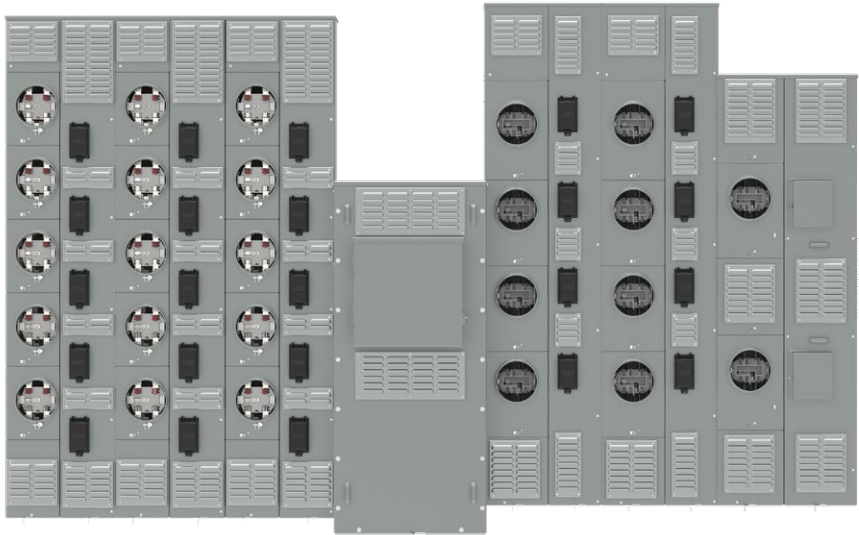
Main module dimensions



Main module dimensional data

Main module type	Breaker/ switch frame	Ampere rating	Design	W (in)	H (in)	D (in)
Main Circuit Breaker (MCB)	XT5	400A	Standard	20.32	47.95	11.22
			EUSERC	20.32	60.28	11.22
		600A	Standard	20.32	47.95	11.22
			EUSERC	25.05	60.28	11.22
	XT6	800A	Standard	20.32	47.95	11.22
			EUSERC	25.05	60.28	11.22
	XT7	1000A	Standard	20.32	47.95	11.22
			EUSERC	33.60	60.46	11.99
			EUSERC	33.60	60.46	11.99
	T8	1400A	Standard - 4 Cable Lug, Bottom Feed	25.12	57.10	14.89
			Standard - 4 Cable Lug, Top Feed	25.12	59.15	14.89
			Standard - 6 Cable Lug, Bottom Feed	Coming soon	Coming soon	Coming soon
			Standard - 6 Cable Lug, Top Feed	Coming soon	Coming soon	Coming soon
		1600A	Lug Landing Pad Model	38.29	60.63	24.17
			Standard - 4 Cable Lug, Bottom Feed	25.12	57.10	14.89
			Standard - 6 Cable Lug, Bottom Feed	Coming soon	Coming soon	Coming soon
			Standard - 6 Cable Lug, Top Feed	Coming soon	Coming soon	Coming soon
			Lug Landing Pad Model	38.29	60.63	24.17
		2000A	Standard - Bottom Feed	Coming soon	Coming soon	Coming soon
			Standard - Top Feed	Coming soon	Coming soon	Coming soon
Main Fusible Switch (MFS)	XT5	400A	Standard	20.32	47.95	11.22
			EUSERC	20.32	60.28	11.22
	XT6	600A	Standard	20.32	54.88	12.68
			EUSERC	25.05	65.18	13.03
	XT7	800A	Standard	20.32	54.88	12.68
Main Lug Only (MLO)	NA	400A	EUSERC	25.05	65.18	13.03
			Standard	13.75	47.97	6.50
			Standard	16.72	47.94	6.50
		600A	Standard	20.32	47.94	11.22
		800A	Standard	20.32	47.94	11.22
		1200A	Standard	20.32	47.94	11.22
		1600A	Feed thru	28.80	60.92	11.82
			Standard	33.14	60.83	17.67
			Standard	33.14	60.83	17.67
		2000A	Standard	33.14	60.83	17.67
			Feed thru	33.14	60.83	17.67

Note: For additional dimensions and technical data please click on the specific ReliaMod™ ordering code hyperlink in this catalog to view its respective outline drawings/spec sheet. These can also be found in ABB empower and the ABB Library.



ReliaMod™

Main pull box modules



400A Pull Box Module:
RMM3P4R



800A Pull Box Module:
RMM3P8R



1200A Pull Box Module:
RMM3P12R

Main pull box module: 1-phase 3 wire 120/240Vac (horizontal cross bus not included)

Main ampere rating	kAIC	Wire entry	Incoming line lugs per phase & neutral (AWG/kcmil Cu/Al)	Outgoing load lugs per phase & neutral (AWG/kcmil Cu/Al)	Enclosure	Ordering code
400	100	Bottom	Lug landing pad accepts up to 1 wire landing per phase & neutral. Lugs not included, to be provided by others.	(1) 250-750 kcmil or (2) 3/0-250 kcmil	N3R Outdoor	RMM1P4R
800			Lug landing pad accepts up to 2 wire landings per phase & neutral. Lugs not included, to be provided by others.	(2) 250-750 kcmil or (4) 3/0-250 kcmil		RMM1P8R
1200			Lug landing pad accepts up to 3 wire landings per phase & neutral. Lugs not included, to be provided by others.	(4) 250-750 kcmil or (8) 3/0-250 kcmil		RMM1P12R

Main pull box module: 3-phase 4 wire 208Y/120Vac or 120/240Vac delta hi-leg (horizontal cross bus not included)

Main ampere rating	kAIC	Wire entry	Incoming line lugs per phase & neutral (AWG/kcmil Cu/Al)	Outgoing load lugs per phase & neutral (AWG/kcmil Cu/Al)	Enclosure	Ordering code
400	100	Bottom	Lug landing pad accepts up to 1 wire landing per phase & neutral. Lugs not included, to be provided by others.	(1) 250-750 kcmil or (2) 3/0-250 kcmil	N3R Outdoor	RMM3P4R
800			Lug landing pad accepts up to 2 wire landings per phase & neutral. Lugs not included, to be provided by others.	(2) 250-750 kcmil or (4) 3/0-250 kcmil		RMM3P8R
1200			Lug landing pad accepts up to 3 wire landings per phase & neutral. Lugs not included, to be provided by others.	(4) 250-750 kcmil or (8) 3/0-250 kcmil		RMM3P12R

Note: Pull boxes do not come with horizontal bussing to directly connect to a main section or meter stacks. It is for lug in, lug out applications. It comes with a line side lug landing pad (lugs not included) and load side mechanical lugs. Pull boxes can be useful for certain utilities that prefer to land their own cables in a separate enclosure and not directly on the line side of a main breaker.

Note: 400A and 800A pull box models conform to EUSERC drawings 343 and 347. The 1200A pull box models do not currently meet EUSERC requirements.

Note: Limited to the lowest marked short circuit rating of the main and meter modules used

Note: Please click on any specific ReliaMod™ ordering code with a hyperlink to be taken to the respective outline drawing/spec sheet for the product to view additional technical details.

Main pull box module dimensions

Main pull box module: 1-phase 3 wire 120/240Vac

Main ampere rating	kAIC	Wire entry	W (in)	H (in)	D (in)	Ordering code
400	100	Bottom	16.80	43.17	7.70	RMM1P4R
800			24.86	50.46	11.32	RMM1P8R
1200			32.98	54.59	11.32	RMM1P12R

Main pull box module: 3-phase 4 wire 208Y/120Vac or 120/240V delta hi-leg (horizontal cross bus not included)

Main ampere rating	kAIC	Wire entry	W (in)	H (in)	D (in)	Ordering code
400	100	Bottom	16.80	43.17	7.70	RMM3P4R
800			24.86	50.46	11.32	RMM3P8R
1200			32.98	54.59	11.32	RMM3P12R

Note: For additional dimensions and technical data please click on the specific ReliaMod™ ordering code hyperlink in this catalog to view its respective outline drawings/spec sheet. These can also be found in ABB empower and the ABB Library.















ReliaMod™

Meter stack families and their tenant breakers

ReliaMod™ meter stacks are designed to accept certain frames of tenant breakers based on the tenant breaker kAIC being used. For example:

- A ringless 125A socket 6-gang meter stack that is series rated at 65 kAIC to a 1200A XT7 MCB will allow the use of 10 kAIC THQL tenant breakers, which would be a meter stack order code number of RMS28612LRLR
- That same ringless 125A socket 6-gang meter stack fully rated at 65 kAIC would utilize TEY tenant breakers, which would be a slightly different meter stack order code number RMS28612HRLR

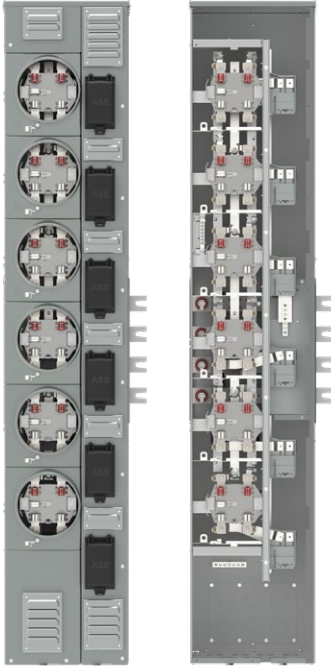
This feature allows ABB meter stacks to be much more flexible in design based on the specific kAIC of the application. It is always important to understand your application up front with the specific kAIC needed and what combinations of breakers can be series rated per ABB publication DET-008 in order to select the appropriate meter stacks and tenant breakers for them. The modular metering configurator in ABB empower can help assist in the correct product selection. Please see the ReliaMod™ meter stack family summary below along with the specific tenant breakers they can accept.

125A residential socket meter stack family		225A residential socket meter stack family		225A commercial lever bypass socket meter stack family	400A commercial lever bypass socket meter stack family
					
THQL style	TEY style	Formula style	XT3/XT4 style	XT3/XT4 style	XT5 factory installed
Only accepts THQL tenant breakers 10-22 kAIC	Only accepts ReliaMod™ TEY-MM tenant breakers 42-100 kAIC	Only accepts ReliaMod™ Formula A1/A2 tenant breakers 10-22 kAIC	Only accepts ReliaMod™ Tmax XT3/XT4 (TMF) tenant breakers 42-100 kAIC	Only accepts ReliaMod™ Tmax XT3/XT4 (TMF) tenant breakers 42-100 kAIC	Tmax XT5 (TMA) 400A 65 kAIC tenant breaker(s) factory installed
					
THQL breaker frame	TEY breaker frame	Formula breaker frame	Tmax XT3/XT4 breaker frame	Tmax XT3/XT4 breaker frame	Tmax XT5 breaker frame

ReliaMod™

Meter stack modules - residential

Product overview



Residential meter stacks consist of 2-6 commonly bussed meter sockets with branch circuit protection. A meter socket secures and provides the electrical connection for the meter. Meter stacks are mechanically and electrically built to connect with main modules and other meter stacks to secure an optimized electrical distribution.

Features

- Best-in-class field phase balancing flexibility is included on all meter sockets. All enclosures are NEMA 3R indoor/outdoor construction.
 - Ring-type, ringless, and ringless with horn bypass socket designs are available for residential meter sockets.
- All ringless type residential meter stacks include a 5th jaw factory installed.
- All ring-type residential meter stacks are supplied with 4-jaw meter sockets (5th jaw kit available for field installation)
- ReliaMod™ residential sockets are offered in 125A and 225A models. For 400A sockets please refer to ReliaMod™ commercial sockets with lever bypass.
- Tenant breakers are offered fully rated up to 100 kAIC in both 125A and 225A sockets.
- Series ratings are available from main breakers to tenant breakers (See DET-008 for more information on series ratings)
- Shear nuts are included on all horizontal bus connections to eliminate the need for time-consuming torque readings. This breakaway nut provides a visual indicator of torque.
- Meter stacks offered in both 800A cross bus and 1200A cross bus versions for flexibility.
- All tenant breakers include factory-installed load lugs for fast connections.
- ABB modular metering offers a broad selection of accessories for flexibility: Surge protective device modules, pull boxes, elbows, spacers, etc.
- All XT3 and XT4 tenant breakers for ReliaMod™ 225A socket meter stacks come with thermal magnetic fixed (TMF) trip units.
- ABB ReliaMod™ horizontal bus does not match up to GE Meter Mod III horizontal bus, so any ReliaMod™ section cannot be connected to any GE Meter Mod III section and vice versa without a bus transition adapter section. Please refer to the ReliaMod™ bus transition adapter page of the BuyLog for more information.

Ordering code construction - residential meter stack

R	MS	2	8	2	12	L	RL	R
New ABB identification								
Type								
MS = Meter Stack Module (US)								
Phase type								
1 = 1 Phase In 1 Phase Out								
2 = 3 Phase in 1 Phase Out								
Horizontal bus rating								
8 – 800A								
12 – 1200A								
# of sockets								
2 - 6 (125A Sockets)								
1 - 5 (225A Sockets)								
			</					

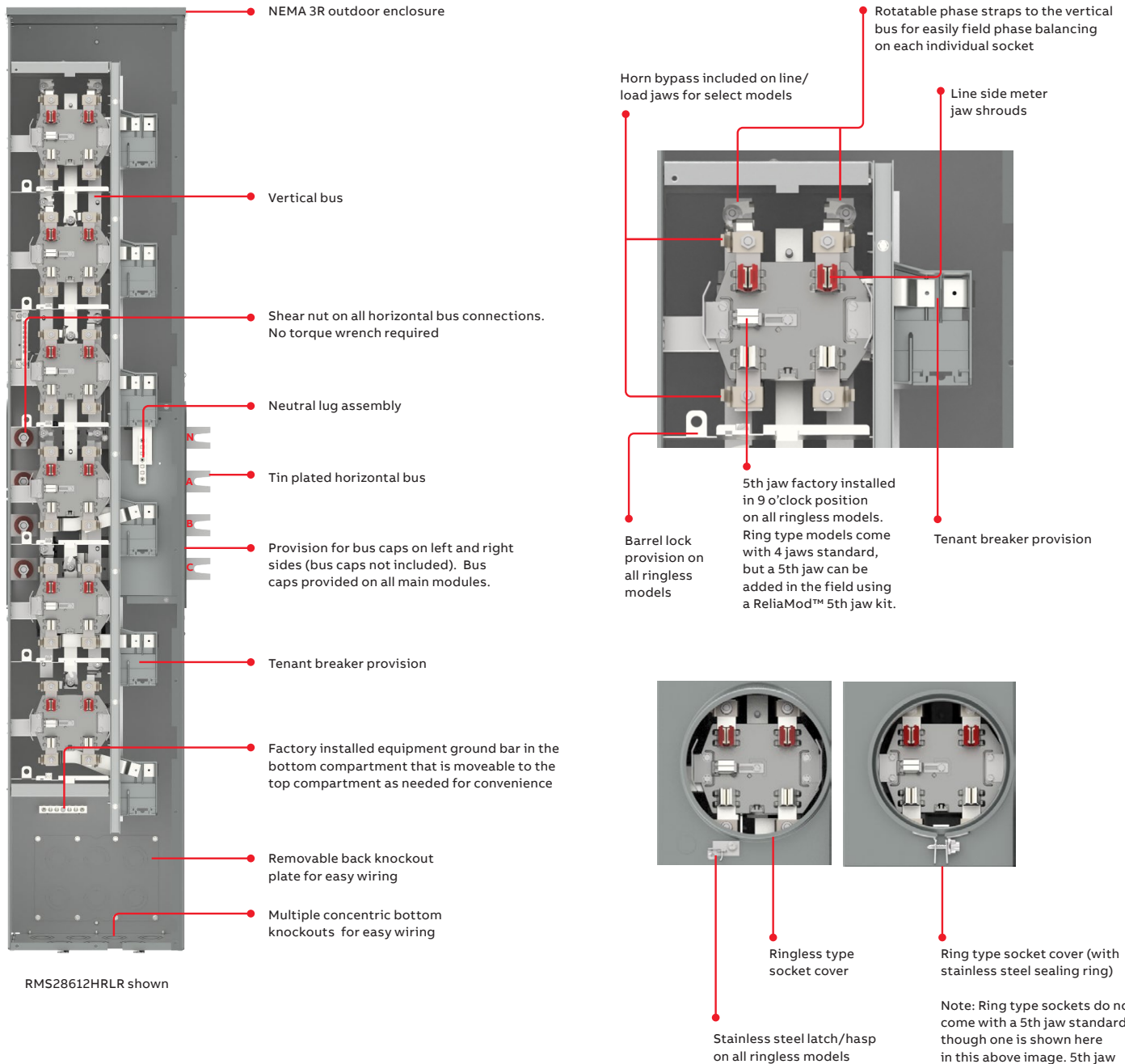
ReliaMod™

Meter stack modules - residential Construction details

Construction Details: 125A Socket Residential Meter Stacks

Available in Ring Type, Ringless, or Ringless with Horn Bypass Construction

2-6 Gang 1-Phase Models



RMS28612HRLR shown

Note: Ring type sockets do not come with a 5th jaw standard, though one is shown here in this above image. 5th jaw kits are available for field installation for all ReliaMod™ ring type sockets.

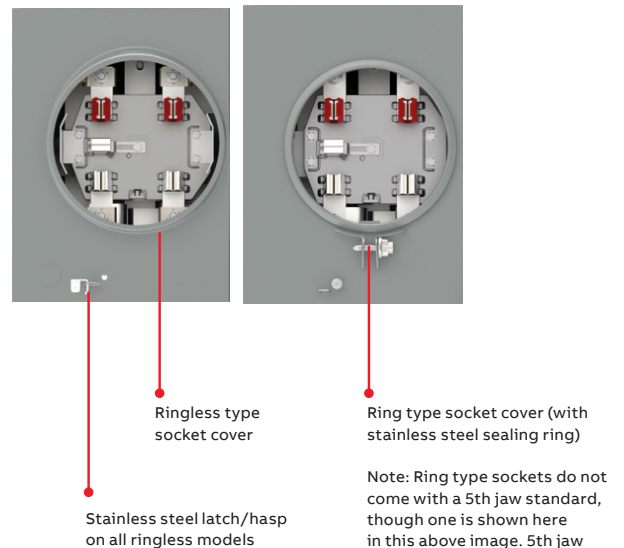
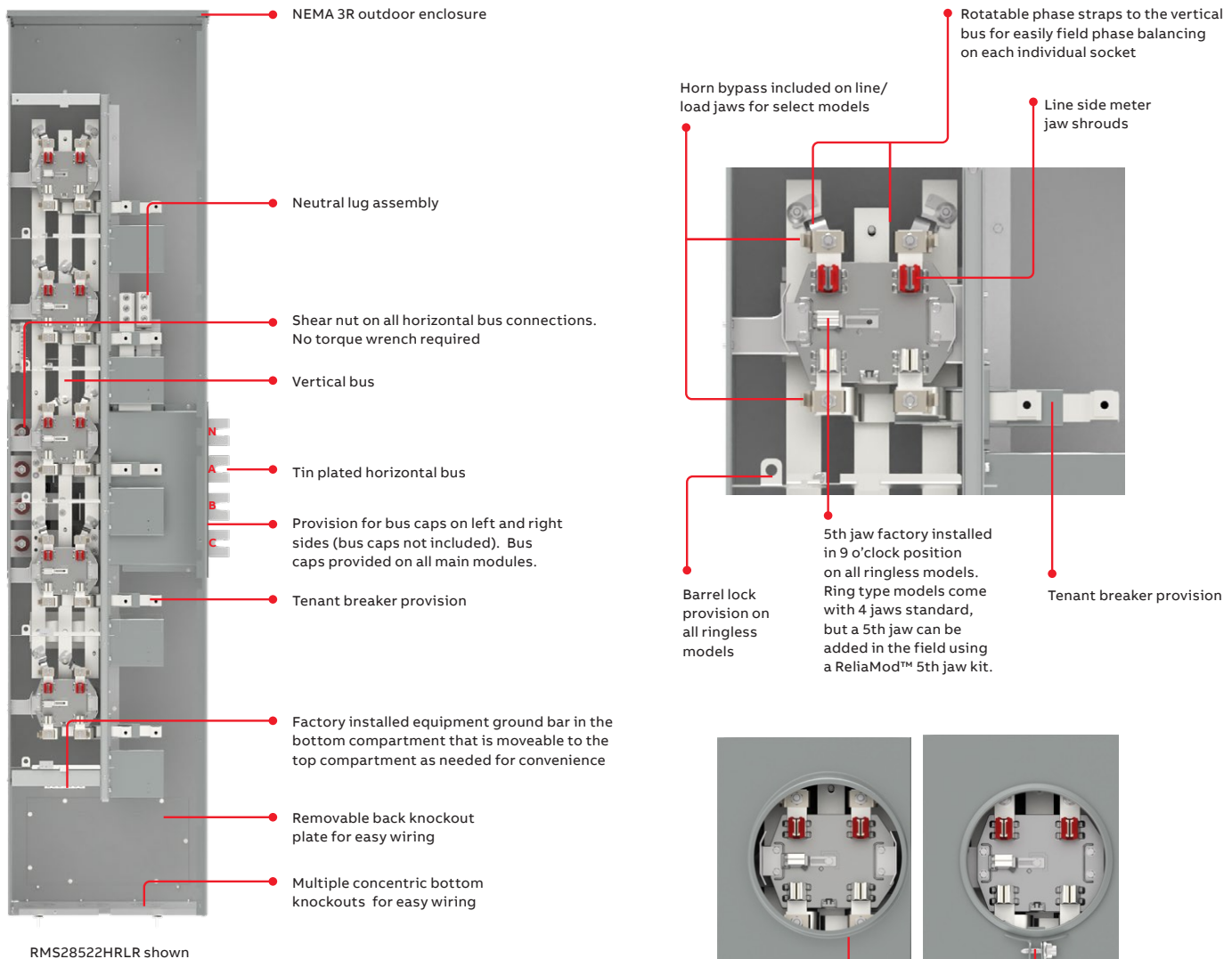
ReliaMod™

Meter stack modules - residential Construction details

Construction Details: 225A Socket Residential Meter Stacks

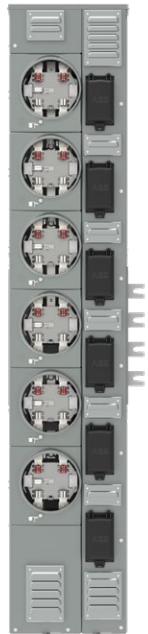
Available in Ring Type, Ringless, or Ringless with Horn Bypass Construction

2-5 Gang 1-Phase Models



ReliaMod™

Meter stack modules - residential, 800A cross bus

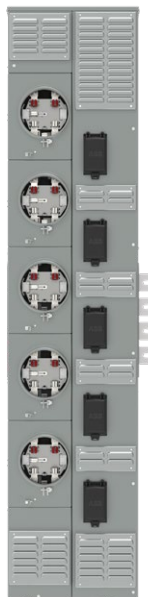


125A 6-Gang
Meter Module:
RMS28612HRLR

Note: Please click on any specific ReliaMod™ ordering code with a hyperlink to be taken to the respective outline drawing/spec sheet for the product to view additional technical details.

Residential meter stacks: 125A sockets with 800A cross bus

Socket amps	Application	Tenant breaker provision kAIC	No. of sockets	Ringless type socket (5 jaw socket standard)	Ringless type socket horn bypass (5 jaw socket standard)	Ring type socket (4 jaw socket standard)	Special features
125	1-Phase in, 1-Phase out	10,22	2	RMS18212LRLR	RMS18212LHBR	RMS18212LRGR	Only accepts THQL/THHQL Tenant Breakers
			3	RMS18312LRLR	RMS18312LHBR	RMS18312LRGR	
			4	RMS18412LRLR	RMS18412LHBR	RMS18412LRGR	
			5	RMS18512LRLR	RMS18512LHBR	RMS18512LRGR	
			6	RMS18612LRLR	RMS18612LHBR	RMS18612LRGR	
			6	RMS18612HRLR	RMS18612HHBR	RMS18612HRGR	
	42,50,65,100	42,50,65,100	2	RMS18212HRLR	RMS18212HHBR	RMS18212HRGR	Only accepts TEY-MM/ TEYF-MM/ TEYL-MM Tenant Breakers
			3	RMS18312HRLR	RMS18312HHBR	RMS18312HRGR	
			4	RMS18412HRLR	RMS18412HHBR	RMS18412HRGR	
			5	RMS18512HRLR	RMS18512HHBR	RMS18512HRGR	
			6	RMS18612HRLR	RMS18612HHBR	RMS18612HRGR	
			6	RMS18612HRLR	RMS18612HHBR	RMS18612HRGR	
	3-Phase in, 1-Phase out	10,22	2	RMS28212LRLR	RMS28212LHBR	RMS28212LRGR	Only accepts THQL/THHQL Tenant Breakers
			3	RMS28312LRLR	RMS28312LHBR	RMS28312LRGR	
			4	RMS28412LRLR	RMS28412LHBR	RMS28412LRGR	
			5	RMS28512LRLR	RMS28512LHBR	RMS28512LRGR	
			6	RMS28612LRLR	RMS28612LHBR	RMS28612LRGR	
			6	RMS28612HRLR	RMS28612HHBR	RMS28612HRGR	
	42,50,65,100	42,50,65,100	2	RMS28212HRLR	RMS28212HHBR	RMS28212HRGR	Only accepts TEY-MM/ TEYF-MM/ TEYL-MM Tenant Breakers
			3	RMS28312HRLR	RMS28312HHBR	RMS28312HRGR	
			4	RMS28412HRLR	RMS28412HHBR	RMS28412HRGR	
			5	RMS28512HRLR	RMS28512HHBR	RMS28512HRGR	
			6	RMS28612HRLR	RMS28612HHBR	RMS28612HRGR	
			6	RMS28612HRLR	RMS28612HHBR	RMS28612HRGR	



225A 5-Gang
Meter Module:
RMS28522HRLR

Residential meter stacks: 225A sockets with 800A cross bus

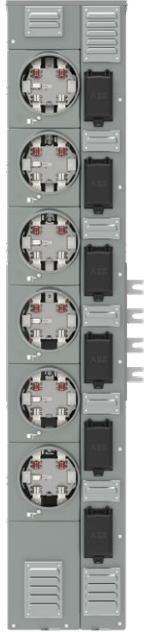
Socket amps	Application	Tenant breaker provision kAIC	No. of sockets	Ringless type socket (5 jaw socket standard)	Ringless type socket horn bypass (5 jaw socket standard)	Ring type socket (4 jaw socket standard)	Special features
225	1-Phase in, 1-Phase out	10,22	2	RMS18222LRLR	RMS18222LHBR	RMS18222LRGR	Only accepts Formula A1 & A2 Tenant Breaker ReliaMod™ Kits
			3	RMS18322LRLR	RMS18322LHBR	RMS18322LRGR	
			4	RMS18422LRLR	RMS18422LHBR	RMS18422LRGR	
			5	RMS18522LRLR	RMS18522LHBR	RMS18522LRGR	
			6	RMS18622LRLR	RMS18622LHBR	RMS18622LRGR	
			6	RMS18622HRLR	RMS18622HHBR	RMS18622HRGR	
	42,50,65,100	42,50,65,100	2	RMS18222HRLR	RMS18222HHBR	RMS18222HRGR	Only accepts XT3 or XT4 Tenant Breakers
			3	RMS18322HRLR	RMS18322HHBR	RMS18322HRGR	
			4	RMS18422HRLR	RMS18422HHBR	RMS18422HRGR	
			5	RMS18522HRLR	RMS18522HHBR	RMS18522HRGR	
			6	RMS18622HRLR	RMS18622HHBR	RMS18622HRGR	
			6	RMS18622HRLR	RMS18622HHBR	RMS18622HRGR	
	3-Phase in, 1-Phase out	10,22	2	RMS28222LRLR	RMS28222LHBR	RMS28222LRGR	Only accepts Formula A1 & A2 Tenant Breaker ReliaMod™ Kits
			3	RMS28322LRLR	RMS28322LHBR	RMS28322LRGR	
			4	RMS28422LRLR	RMS28422LHBR	RMS28422LRGR	
			5	RMS28522LRLR	RMS28522LHBR	RMS28522LRGR	
			6	RMS28622LRLR	RMS28622LHBR	RMS28622LRGR	
			6	RMS28622HRLR	RMS28622HHBR	RMS28622HRGR	
	42,50,65,100	42,50,65,100	2	RMS28222HRLR	RMS28222HHBR	RMS28222HRGR	Only accepts XT3 or XT4 Tenant Breakers
			3	RMS28322HRLR	RMS28322HHBR	RMS28322HRGR	
			4	RMS28422HRLR	RMS28422HHBR	RMS28422HRGR	
			5	RMS28522HRLR	RMS28522HHBR	RMS28522HRGR	
			6	RMS28622HRLR	RMS28622HHBR	RMS28622HRGR	
			6	RMS28622HRLR	RMS28622HHBR	RMS28622HRGR	

Meter socket tenant neutral lug and tenant ground lug summary (One lug per each socket)

Socket amperage	Load neutral lug (Cu/Al)	Equipment ground lug (Cu/Al)
125A	#14-2/0 AWG	#14-2/0 AWG
225A	#6-300 kcmil	#14-2/0 AWG

ReliaMod™

Meter stack modules - residential, 1200A cross bus



125A 6-Gang
Meter Module:
RMS212612HRLR

Note: Please click on any specific ReliaMod™ ordering code with a hyperlink to be taken to the respective outline drawing/spec sheet for the product to view additional technical details.

Residential meter stacks: 125A sockets with 1200A cross bus

Socket amps	Application	Tenant breaker provision kAIC	No. of sockets	Ringless type socket (5 jaw socket standard)	Ringless type socket horn bypass (5 jaw socket standard)	Ring type socket (4 jaw socket standard)	Special features
125	1-Phase in, 1-Phase out	10,22	2	RMS112212LRLR	RMS112212LHBR	RMS112212LRGR	Only accepts THQL/THHQL Tenant Breakers
			3	RMS112312LRLR	RMS112312LHBR	RMS112312LRGR	
			4	RMS112412LRLR	RMS112412LHBR	RMS112412LRGR	
			5	RMS112512LRLR	RMS112512LHBR	RMS112512LRGR	
			6	RMS112612LRLR	RMS112612LHBR	RMS112612LRGR	
			6	RMS112612LRLR	RMS112612LHBR	RMS112612LRGR	
	42,50,65,100	42,50,65,100	2	RMS112212HRLR	RMS112212HHBR	RMS112212HRGR	Only accepts TEY-MM/ TEYF-MM/ TEYL-MM Tenant Breakers
			3	RMS112312HRLR	RMS112312HHBR	RMS112312HRGR	
			4	RMS112412HRLR	RMS112412HHBR	RMS112412HRGR	
			5	RMS112512HRLR	RMS112512HHBR	RMS112512HRGR	
			6	RMS112612HRLR	RMS112612HHBR	RMS112612HRGR	
			6	RMS112612HRLR	RMS112612HHBR	RMS112612HRGR	
	3-Phase in, 1-Phase out	10,22	2	RMS212212LRLR	RMS212212LHBR	RMS212212LRGR	Only accepts THQL/THHQL Tenant Breakers
			3	RMS212312LRLR	RMS212312LHBR	RMS212312LRGR	
			4	RMS212412LRLR	RMS212412LHBR	RMS212412LRGR	
			5	RMS212512LRLR	RMS212512LHBR	RMS212512LRGR	
			6	RMS212612LRLR	RMS212612LHBR	RMS212612LRGR	
			6	RMS212612LRLR	RMS212612LHBR	RMS212612LRGR	
	42,50,65,100	42,50,65,100	2	RMS212212HRLR	RMS212212HHBR	RMS212212HRGR	Only accepts TEY-MM/ TEYF-MM/ TEYL-MM Tenant Breakers
			3	RMS212312HRLR	RMS212312HHBR	RMS212312HRGR	
			4	RMS212412HRLR	RMS212412HHBR	RMS212412HRGR	
			5	RMS212512HRLR	RMS212512HHBR	RMS212512HRGR	
			6	RMS212612HRLR	RMS212612HHBR	RMS212612HRGR	
			6	RMS212612HRLR	RMS212612HHBR	RMS212612HRGR	



225A 5-Gang
Meter Module:
RMS212522HRLR

Residential meter stacks: 225A sockets with 1200A cross bus

Socket amps	Application	Tenant breaker provision kAIC	No. of sockets	Ringless type socket (5 jaw socket standard)	Ringless type socket horn bypass (5 jaw socket standard)	Ring type socket (4 jaw socket standard)	Special features
225	1-Phase in, 1-Phase out	10,22	2	RMS112222LRLR	RMS112222LHBR	RMS112222LRGR	Only accepts Formula A1 & A2 Tenant Breaker ReliaMod™ Kits
			3	RMS112322LRLR	RMS112322LHBR	RMS112322LRGR	
			4	RMS112422LRLR	RMS112422LHBR	RMS112422LRGR	
			5	RMS112522LRLR	RMS112522LHBR	RMS112522LRGR	
			5	RMS112522LRLR	RMS112522LHBR	RMS112522LRGR	
	42,50,65,100	42,50,65,100	2	RMS112222HRLR	RMS112222HHBR	RMS112222HRGR	Only accepts XT3 or XT4 Tenant Breakers
			3	RMS112322HRLR	RMS112322HHBR	RMS112322HRGR	
			4	RMS112422HRLR	RMS112422HHBR	RMS112422HRGR	
			5	RMS112522HRLR	RMS112522HHBR	RMS112522HRGR	
			5	RMS112522HRLR	RMS112522HHBR	RMS112522HRGR	
	3-Phase in, 1-Phase out	10,22	2	RMS212222LRLR	RMS212222LHBR	RMS212222LRGR	Only accepts Formula A1 & A2 Tenant Breaker ReliaMod™ Kits
			3	RMS212322LRLR	RMS212322LHBR	RMS212322LRGR	
			4	RMS212422LRLR	RMS212422LHBR	RMS212422LRGR	
			5	RMS212522LRLR	RMS212522LHBR	RMS212522LRGR	
			5	RMS212522LRLR	RMS212522LHBR	RMS212522LRGR	
	42,50,65,100	42,50,65,100	2	RMS212222HRLR	RMS212222HHBR	RMS212222HRGR	Only accepts XT3 or XT4 Tenant Breakers
			3	RMS212322HRLR	RMS212322HHBR	RMS212322HRGR	
			4	RMS212422HRLR	RMS212422HHBR	RMS212422HRGR	
			5	RMS212522HRLR	RMS212522HHBR	RMS212522HRGR	
			5	RMS212522HRLR	RMS212522HHBR	RMS212522HRGR	

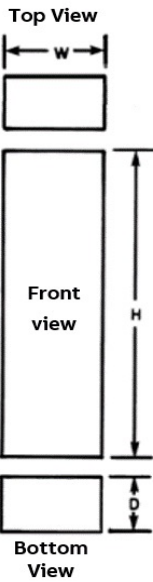
Meter socket tenant neutral lug and tenant ground lug summary (One lug per each socket)

Socket amperage	Load neutral lug (Cu/Al)	Equipment ground lug (Cu/Al)
125A	#14-2/0 AWG	#14-2/0 AWG
225A	#6-300 kcmil	#14-2/0 AWG



ReliaMod™

Residential meter stack dimensions



Meter stack dimensional data

Meter stack socket rating	Tenant breaker used	Number of sockets	Dimensions		
			W (in)	H (in)	D (in)
Residential sockets					
125A Residential	THQL, THHQL	2	13.53	46.41	8.93
		3	13.53	46.41	8.93
		4	13.53	55.41	8.93
		5	13.53	64.41	8.93
		6	13.53	73.41	8.93
	TEY	2	13.90	45.16	9.52
		3	13.90	45.16	9.52
		4	13.90	54.16	9.52
		5	13.90	63.16	9.52
		6	13.90	72.16	9.52
225A Residential	Formula A1 and A2	2	18.40	59.87	9.61
		3	18.40	59.87	9.61
		4	18.40	71.87	9.61
		5	18.40	83.87	9.61
	XT3, XT4	2	18.40	57.92	9.61
		3	18.40	57.92	9.61
		4	18.40	69.92	9.61
		5	18.40	81.92	9.61

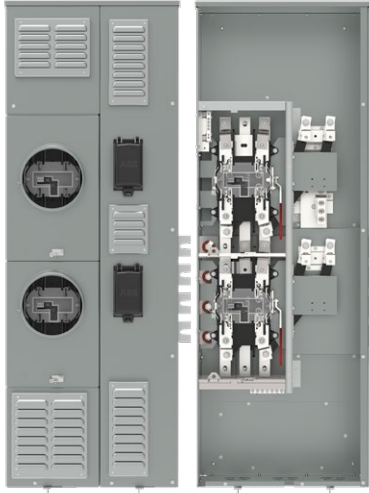
Note: For additional dimensions and technical data please click on the specific ReliaMod™ ordering code hyperlink in this catalog to view its respective outline drawings/spec sheet. These can also be found in ABB empower and the ABB Library.



ReliaMod™

Meter stack modules - commercial

Product overview



All commercial type meter stacks are ringless type with a lever bypass and include a 5th jaw factory installed if single-phase, or a 7th jaw factory installed if three-phase. The neutral wire on the 5th and 7th jaws is factory connected.

Features

- Lever bypass included on all commercial meter stacks
- Ringless construction
- Available in 225A or 400A socket models
- 1200A cross bus standard
- Indoor/outdoor construction for use in any of our meter modules for NEMA 1 or NEMA 3R applications.
- Front accessible bolts
- Enclosed horizontal bus
- Factory-installed equipment ground bars are located in the bottom gutter, field changeable to top gutter
- The unmetred vertical bus is enclosed to guard against power theft.
- Neutral assembly permits convenient termination of the neutral conductors.
- ReliaMod™ commercial meter stacks with lever bypass are designed to accept 42-100 kAIC XT3 and XT4 tenant breakers only.
- ReliaMod™ XT3 and XT4 tenant breakers listed as 2-pole for 1-phase applications are 3-pole case breakers suitable and UL Approved for 1-phase applications with load lugs factory installed on the two outside poles.
- All XT3 and XT4 tenant breakers for ReliaMod™ 225A socket meter stacks come with thermal magnetic fixed (TMF) trip units. All factory installed XT5 tenant breakers for ReliaMod™ 400A meter stacks come with thermal magnetic adjustable (TMA) trip units.
- ABB ReliaMod™ horizontal bus does not match up to GE Meter Mod III horizontal bus, so any ReliaMod™ section cannot be connected to any GE Meter Mod III section and vice versa without a bus transition adapter section. Please refer to the ReliaMod™ bus transition adapter page of the BuyLog for more information.



ReliaMod™

Meter stack modules - commercial

Ordering code construction - commercial meter stack

RMS2122CHLBR									
New ABB identification		Type		Phase type		Horizontal bus rating		# of sockets	
MS = Meter Stack Module (US)		1 = 1 Phase In 1 Phase Out 2 = 3 Phase in 1 Phase Out 3 = 3 Phase in 3 Phase Out		12 – 1200A		1 - 4 (225A Sockets) 1 - 2 (400A Sockets)		Additional features	
								NEMA Type 3R Rainproof, with no other additional features RB = NEMA Type 3R Rainproof, and tenant breaker(s) included (400A XT5N TMA 65 kAIC only)	
								Socket type	
								LB = Lever Bypass (5 Jaw – 1PH; 7 Jaw – 3PH)	
								Socket AIC range	
								CH = Comm Stacks: 42-100K (225A, 400A)	
								Socket rating	
								22 = 225A 40 – 400A (Lever Bypass)	

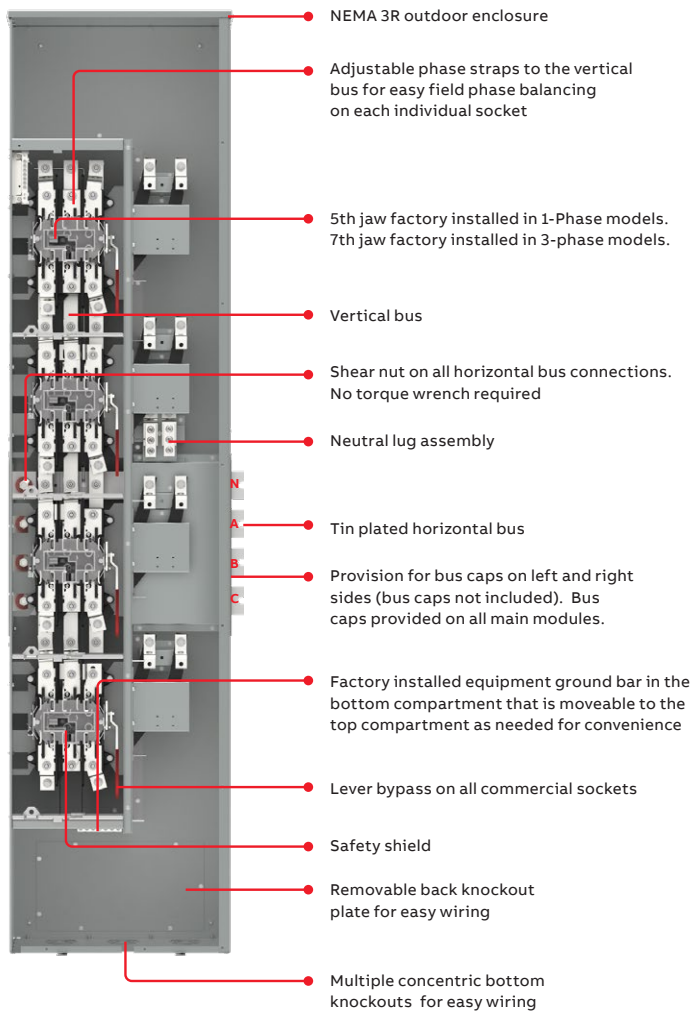
Please Note: ABB ReliaMod™ horizontal bus does not match up to GE Meter Mod III horizontal bus, so any ReliaMod™ section cannot be connected to any GE Meter Mod III section and vice versa without a bus transition adapter section. Please refer to the ReliaMod™ bus transition adapter page of the BuyLog for more information.



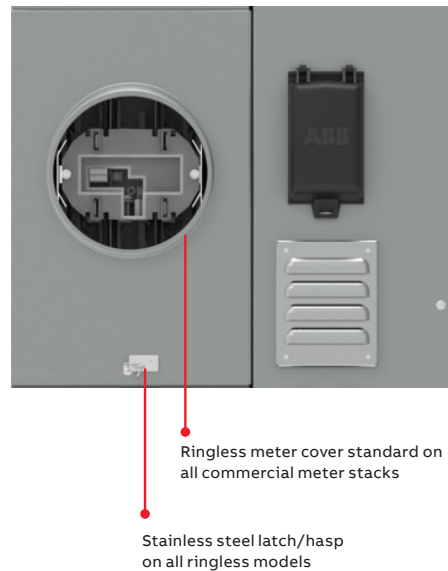
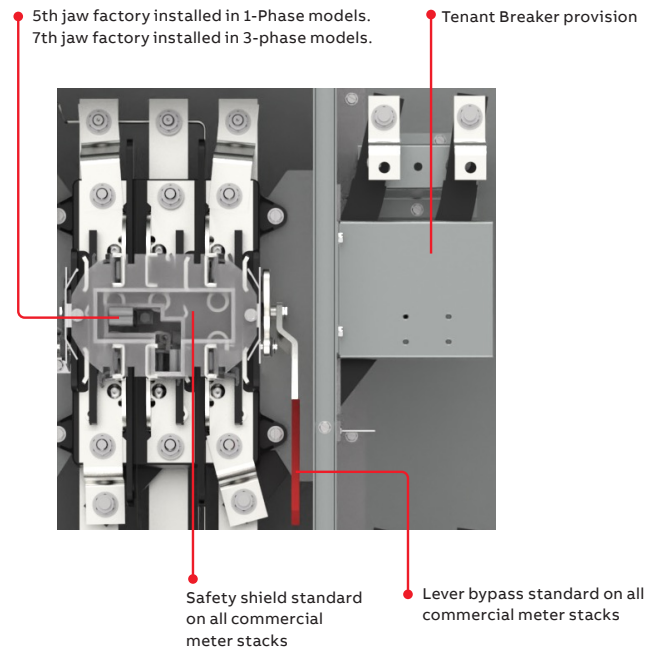
ReliaMod™

Meter stack modules - commercial Construction details

Construction Details: 225A Socket Commercial Meter Stacks Available in Ringless with Lever Bypass construction 1-4 Gang in 1-Phase or 3-Phase



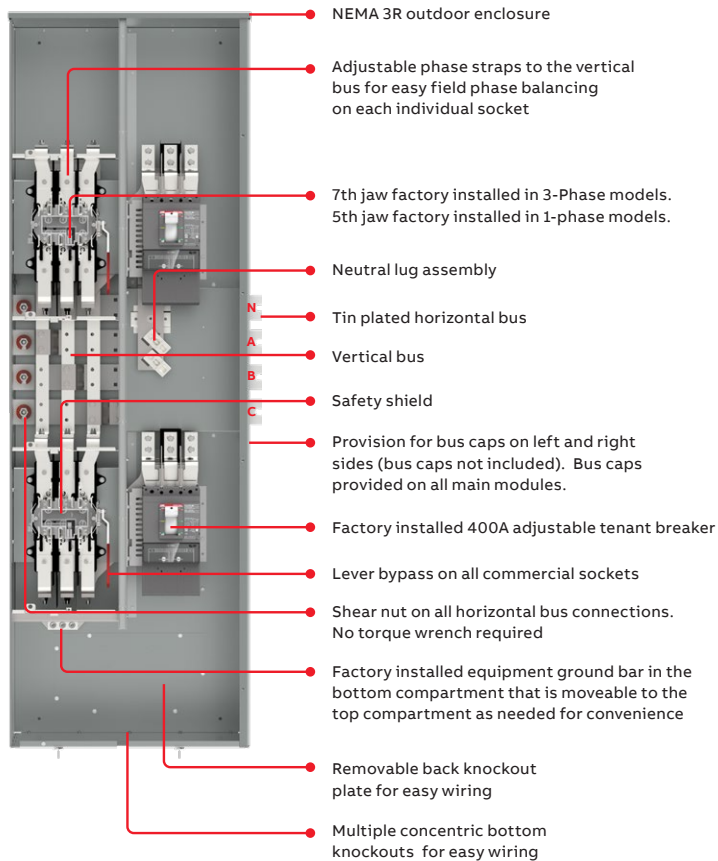
RMS212422CHLBR shown



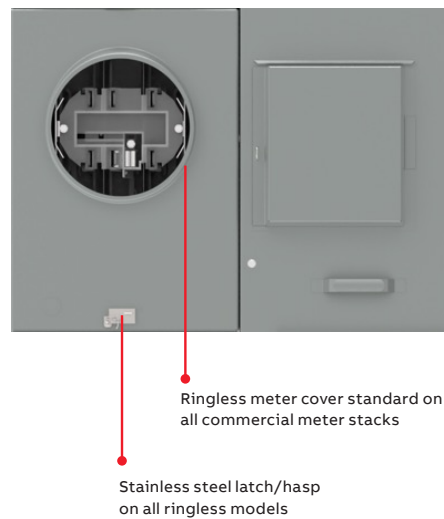
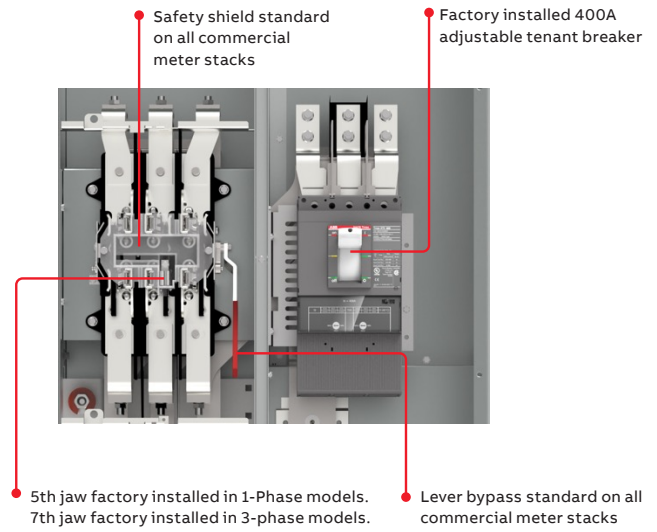
ReliaMod™

Meter stack modules - commercial Construction details

Construction Details: 400A Socket Commercial Meter Stacks Available in Ringless with Lever Bypass construction 1-2 gang in 1-Phase or 3-Phase



RMS312240CHLBRB shown



ReliaMod™

Meter stack modules - commercial



225A 4-Gang
Lever Bypass
Meter Module:
RMS212422CHLBR



400A 4-Gang
Lever Bypass
Meter Module:
RMS212240CHLBRB

Note: Please click on any specific ReliaMod™ ordering code with a hyperlink to be taken to the respective outline drawing/spec sheet for the product to view additional technical details.

Commercial meter stacks: 225A sockets with 1200A cross bus and lever bypass

Socket amps	Application	No. of sockets	Tenant breaker provision kAIC	Ringless type socket	Factory installed jaw configuration	Special Features	
225	1-Phase in, 1-Phase out	1	42,50,65,100	RMS112122CHLBR	5-jaw	Only accepts XT3 or XT4 tenant breakers	
		2		RMS112222CHLBR			
		3		RMS112322CHLBR			
		4		RMS112422CHLBR			
	3-Phase in, 1-Phase out	1		RMS212122CHLBR			7-jaw
		2		RMS212222CHLBR			
		3		RMS212322CHLBR			
		4		RMS212422CHLBR			
	3-Phase in, 3-Phase out	1		RMS312122CHLBR			
		2		RMS312222CHLBR			
		3		RMS312322CHLBR			
		4		RMS312422CHLBR			

Commercial meter stacks: 400A sockets with 1200A cross bus and lever bypass

Socket amps	Application	No. of sockets	Tenant breaker provision kAIC	Ringless type socket	Factory installed jaw configuration	Special Features
400	1-Phase in, 1-Phase out	1	65 kAIC XT5N (TMA) Breaker(s) Included	RMS112140CHLBRB	5-jaw	One 400A XT5N (TMA) tenant breaker included, 65 kAIC
		2		RMS112240CHLBRB		Two 400A XT5N (TMA) tenant breakers included, 65 kAIC
	3-Phase in, 1-Phase out	1		RMS212140CHLBRB		One 400A XT5N (TMA) tenant breaker included, 65 kAIC
		2		RMS212240CHLBRB		Two 400A XT5N (TMA) tenant breakers included, 65 kAIC
	3-Phase in, 3-Phase out	1	65 kAIC XT5N (TMA) Breaker(s) Included	RMS312140CHLBRB	7-jaw	One 400A XT5N (TMA) tenant breaker included, 65 kAIC
		2		RMS312240CHLBRB		Two 400A XT5N (TMA) tenant breakers included, 65 kAIC
		1	42,50,65,100	RMS312140CHLBR		No breakers Included, requires two XT3 or XT4 tenant breakers, 400A max sum, metered by one socket

Meter socket tenant neutral lug and tenant ground lug summary (One lug per each socket)

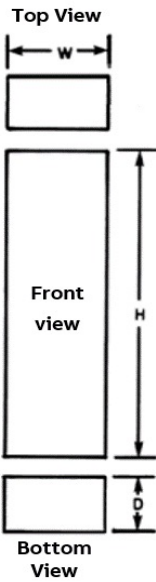
Socket amperage	Load neutral lug (Cu/Al)	Equipment ground lug (Cu/Al)
125A	#14-2/0 AWG	#14-2/0 AWG
225A	#6-300 kcmil	#14-2/0 AWG
400A	(2) 2/0-500 kcmil	#6-300 kcmil

Note: All XT3 and XT4 tenant breakers for ReliaMod™ 225A socket meter stacks come with thermal magnetic fixed (TMF) trip units. All factory intalled XT5 tenant breakers for ReliaMod™ 400A meter stacks come with thermal magnetic adjustable (TMA) trip units.



ReliaMod™

Commercial meter stack dimensions



Meter stack dimensional data			Dimensions		
Meter stack socket rating	Tenant breaker used	Number of sockets	W (in)	H (in)	D (in)
Commercial sockets (with lever-bypass)					
225A Commercial	XT3, XT4	1	19.60	54.05	9.67
		2	19.60	54.05	9.67
		3	19.60	68.05	9.67
		4	19.60	82.05	9.67
400A Commercial (400A tenant breaker(s))	XT5	1	23.30	42.30	10.80
		2	23.30	70.30	10.80
400A Commercial (2x200A tenant breakers max)	XT3, XT4	1	20.10	54.80	10.80

Note: For additional dimensions and technical data please click on the specific ReliaMod™ ordering code hyperlink in this catalog to view its respective outline drawings/spec sheet. These can also be found in ABB empower and the ABB Library.

225A Socket Lever Bypass
1-4 Gang



400A Socket Lever Bypass
1-2 Gang





ReliaMod™

THQL and TEY tenant breakers for 125A socket meter stacks

Ordering code construction - THQL tenant breaker

	T	H	QL	2	1	125
ABB identification						
Interrupting rating						
H = 10 kAIC						
HH = 22 kAIC						
Breaker type						
QL = Plug in (1" Per Pole)						
Poles						
2 = 2P						



THQL Frame
Tenant Breaker

Amperage	
40A = 40	90A = 90
50A = 50	100A = 100
60A = 60	110A = 110
70A = 70	125A = 125
80A = 80	

Voltage rating
2 = 120/240 Vac

Ordering code construction - TEY tenant breaker

	TEYF	2	125	MM
ABB identification				
TEY or TEYF = 65 kAIC @ 240V				
Poles				
2 = 2P				
Amperage				
40A = 40	90A = 90			
50A = 50	100A = 100			
60A = 60	110A = 110			
70A = 70	125A = 125			
80A = 80				
Application				
MM = Modular metering tenant breaker				



TEY Frame
Tenant Breaker

	TEYL	2	125	MM
ABB identification				
TEYL = 100 kAIC @ 240V				
Poles				
2 = 2P				
Amperage				
40A = 40	90A = 90			
50A = 50	100A = 100			
60A = 60	110A = 110			
70A = 70	125A = 125			
80A = 80				
Application				
MM = Modular metering tenant breaker				



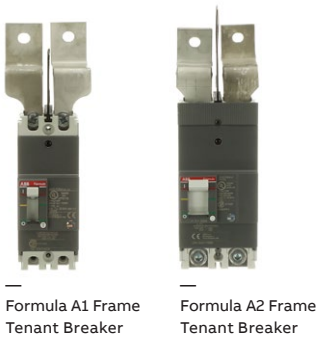
TEYF/TEYL Frame
Tenant Breaker

Note: ReliaMod™ meter stacks are designed to accept only certain tenant breaker frames based on their kAIC. There are meter stacks that only accept 10-22 kAIC tenant breakers and different meter stacks that only accept 42-100 kAIC tenant breakers. These tenant breakers are not interchangeable between different designs of stacks. Please be sure you are selecting the correct meter stack type based on the kAIC of tenant breaker you are using as well as the available series ratings in DET-008. The modular metering configurator in ABB empower can help assist in the correct product selection.



ReliaMod™

Formula tenant breakers for 225A socket meter stacks



Formula A1 Frame
Tenant Breaker

Formula A2 Frame
Tenant Breaker

Ordering code construction - Formula tenant breaker kit

	A	2	A	2	2	200	RM	
Formula breaker identification								Application
								RM = ReliaMod™ Meter Stacks
Formula breaker frame								Amperage
1 = 40A-100A								40A = 040
2 = 125A-225A								100A = 100
Breaker AIC								50A = 050
A = 10 kAIC @ 240V								125A = 125
N = 25 kAIC @ 240V								60A = 060
								150A = 150
								70A = 070
								200A = 200
								80A = 080
								225A = 225
								90A = 090
Poles								Voltage rating
2 = 2P								2 = 240 Vac

Note: ReliaMod™ meter stacks are designed to accept only certain tenant breaker frames based on their kAIC. There are meter stacks that only accept 10-22 kAIC tenant breakers and different meter stacks that only accept 42-100 kAIC tenant breakers. These tenant breakers are not interchangeable between different designs of stacks. Please be sure you are selecting the correct meter stack type based on the kAIC of tenant breaker you are using as well as the available series ratings in DET-008. The modular metering configurator in ABB empower can help assist in the correct product selection.

Tmax XT3/XT4 tenant breakers for 225A socket meter stacks



XT4 Frame Tenant Breaker

[illegible]

Note: All XT3 and XT4 tenant breakers for ReliaMod™ 225A socket meter stacks come with thermal magnetic fixed (TMF) trip units. All factory intalled XT5 tenant breakers for ReliaMod™ 400A meter stacks come with thermal magnetic adjustable (TMA) trip units.

ReliaMod™

Tenant breakers - residential

Low kAIC (10-22) 2-pole tenant breakers for residential 1-phase meter stacks



THQL Frame
Tenant Breaker



Formula A1 Frame
Tenant Breaker



Formula A2 Frame
Tenant Breaker

ReliaMod™ 2-pole tenant main breakers for use in 125A, 10-22 kAIC sockets

Amps	10 kAIC	22 kAIC
40	THQL2140	THHQL2140
50	THQL2150	THHQL2150
60	THQL2160	THHQL2160
70	THQL2170	THHQL2170
80	THQL2180	THHQL2180
90	THQL2190	THHQL2190
100	THQL21100	THHQL21100
110	THQL21110	THHQL21110
125	THQL21125	THHQL21125

Note: ReliaMod™ meter stacks are designed to accept only certain tenant breaker frames based on their kAIC. There are meter stacks that only accept 10-22 kAIC tenant breakers and different meter stacks that only accept 42-100 kAIC tenant breakers. These tenant breakers are not interchangeable between different designs of stacks. Please be sure you are selecting the correct meter stack type based on the kAIC of tenant breaker you are using as well as the available series ratings in DET-008. The modular metering configurator in ABB empower can help assist in the correct product selection.

ReliaMod™ 2-pole tenant main breakers for use in 225A, 10-22 kAIC sockets

Amps	10 kAIC	22 kAIC
40	A1A22040RM	A1N22040RM
50	A1A22050RM	A1N22050RM
60	A1A22060RM	A1N22060RM
70	A1A22070RM	A1N22070RM
80	A1A22080RM	A1N22080RM
90	A1A22090RM	A1N22090RM
100	A1A22100RM	A1N22100RM
125	A2A22125RM	A2N22125RM
150	A2A22150RM	A2N22150RM
175	A2A22175RM	A2N22175RM
200	A2A22200RM	A2N22200RM
225	A2A2225RM	A2N2225RM

Note: ReliaMod™ meter stacks are designed to accept only certain tenant breaker frames based on their kAIC. There are meter stacks that only accept 10-22 kAIC tenant breakers and different meter stacks that only accept 42-100 kAIC tenant breakers. These tenant breakers are not interchangeable between different designs of stacks. Please be sure you are selecting the correct meter stack type based on the kAIC of tenant breaker you are using as well as the available series ratings in DET-008. The modular metering configurator in ABB empower can help assist in the correct product selection.

Factory installed load lug summary of residential meter stack tenant breakers, 10-22 kAIC

Meter socket type	Breaker frame	Ampere rating	Breaker load lug wire size		Load lug Replacement kit
			Cu	Al	
125A	THQL, THHQL	40-60	(1) #8-#3	(1) #8-#3	N/A
		70-100	(1) #6-1/0	(1) #4-1/0	
		110-125	(1) #2-2/0	(1) #2-2/0	
225A	Formula A1 ¹	40-80	(1) #14-#2	(1) #14-#2	KA1080-2
		90-100	(1) #4-#1	(1) #4-#1	KA1100-2
	Formula A2 ^{1,2}	125-225	(1) #1-300	(1) #1-300	KA2225-2

¹A1 and A2 Formula breaker lug kits are not interchangeable between frames. For example: You cannot use the A2 kit KA2225-2 to install 300 kcmil lugs on an A1 frame breaker.

²If a 350 kcmil lug size is needed on a Formula A2 frame breaker, order the KA2250-2 to field install on any A2 frame which will accommodate (1) 300-350 kcmil Al/Cu cables per phase.

ReliaMod™

Tenant breakers - residential

High kAIC (42-100) 2-pole tenant breakers for residential 1-phase meter stacks



TEY Frame
Tenant Breaker



TEYF/TEYL Frame
Tenant Breaker



XT3 Frame
Tenant Breaker



XT4 Frame
Tenant Breaker

ReliaMod™ 2-pole tenant main breakers for use in 125A, 42-100 kAIC sockets

Amps	42 kAIC	65 kAIC	100 kAIC
40	TEY240MM	TEY240MM	TEYL2040MM
50	TEY250MM	TEY250MM	TEYL2050MM
60	TEY260MM	TEY260MM	TEYL2060MM
70	TEY270MM	TEY270MM	TEYL2070MM
80	TEY280MM	TEY280MM	TEYL2080MM
90	TEY290MM	TEY290MM	TEYL2090MM
100	TEY2100MM	TEY2100MM	TEYL2100MM
110	TEYF2110MM	TEYF2110MM	TEYL2110MM
125	TEYF2125MM	TEYF2125MM	TEYL2125MM

Note: ReliaMod™ meter stacks are designed to accept only certain tenant breaker frames based on their kAIC. There are meter stacks that only accept 10-22 kAIC tenant breakers and different meter stacks that only accept 42-100 kAIC tenant breakers. These tenant breakers are not interchangeable between different designs of stacks. Please be sure you are selecting the correct meter stack type based on the kAIC of tenant breaker you are using as well as the available series ratings in DET-008. The modular metering configurator in ABB empower can help assist in the correct product selection.

ReliaMod™ 2-pole tenant main breakers for use in 225A, 42-100 kAIC sockets

Amps	42 kAIC	65 kAIC	100 kAIC
40	-	-	XT4SUD040AFG000XXX
50	-	-	XT4SUD050AFG000XXX
60	XT3NUD060AFG000XXX	XT3SUD060AFG000XXX	XT4SUD060AFG000XXX
70	XT3NUD070AFG000XXX	XT3SUD070AFG000XXX	XT4SUD070AFG000XXX
80	XT3NUD080AFG000XXX	XT3SUD080AFG000XXX	XT4SUD080AFG000XXX
90	XT3NUD090AFG000XXX	XT3SUD090AFG000XXX	XT4SUD090AFG000XXX
100	XT3NUD100AFJ000XXX	XT3SUD100AFJ000XXX	XT4SUD100AFJ000XXX
110	XT3NUD110AFJ000XXX	XT3SUD110AFJ000XXX	XT4SUD110AFJ000XXX
125	XT3NUD125AFJ000XXX	XT3SUD125AFJ000XXX	XT4SUD125AFJ000XXX
150	XT3NUD150AFJ000XXX	XT3SUD150AFJ000XXX	XT4SUD150AFJ000XXX
175	XT3NUD175AFJ000XXX	XT3SUD175AFJ000XXX	XT4SUD175AFJ000XXX
200	XT3NUD200AFJ000XXX	XT3SUD200AFJ000XXX	XT4SUD200AFJ000XXX
225	XT3NUD225AFJ000XXX	XT3SUD225AFJ000XXX	XT4SUD225AFJ000XXX

Note: ReliaMod™ meter stacks are designed to accept only certain tenant breaker frames based on their kAIC. There are meter stacks that only accept 10-22 kAIC tenant breakers and different meter stacks that only accept 42-100 kAIC tenant breakers. These tenant breakers are not interchangeable between different designs of stacks. Please be sure you are selecting the correct meter stack type based on the kAIC of tenant breaker you are using as well as the available series ratings in DET-008. The modular metering configurator in ABB empower can help assist in the correct product selection.

Note: XT3 and XT4 tenant breakers listed as 2-pole for 1-phase applications are 3-pole case breakers suitable and UL Approved for 1-phase applications with load lugs factory installed on the two outside poles.

Note: All XT3 and XT4 tenant breakers for ReliaMod™ 225A socket meter stacks come with thermal magnetic fixed (TMF) trip units. All factory intalled XT5 tenant breakers for ReliaMod™ 400A meter stacks come with thermal magnetic adjustable (TMA) trip units.

Factory installed load lug summary of residential meter stack tenant breakers, 42-100 kAIC

Meter socket type	Breaker frame	Ampere rating	Breaker load lug wire size		Load lug Replacement kit
			Cu	Al	
125A	TEY, TEYF	40-60	(1) #10-#4	(1) #10-#4	N/A
		70-100	(1) #4-1/0	(1) #4-1/0	
		110-125	(1) #4-2/0	(1) #4-2/0	
	TEYL	40-60	(1) #10-#4	(1) #10-#4	
		70-125	(1) #4-2/0	(1) #4-2/0	
225A	XT3	60-90	(1) #14-1/0	(1) #14-1/0	KXT3CUAL1-2PC
		100-225	(1) #4-300	(1) #4-300	KXT3CUAL2-2PC
	XT4	40-90	(1) #14-1/0	(1) #14-1/0	KXT4CUAL1-2PC
		100-225	(1) #4-300	(1) #4-300	KXT4CUAL2-2PC



ReliaMod™

Tenant breakers - commercial

2-pole tenant breakers for commercial 1-phase meter stacks with lever bypass



XT3 Frame
Tenant Breaker



XT4 Frame
Tenant Breaker

ReliaMod™ 2-pole tenant main breakers for use in 225A, 1-phase, 42-100 kAIC sockets with lever bypass

Amps	42 kAIC	65 kAIC	100 kAIC
40	-	-	XT4SUD040AFG000XXX
50	-	-	XT4SUD050AFG000XXX
60	XT3NUD060AFG000XXX	XT3SUD060AFG000XXX	XT4SUD060AFG000XXX
70	XT3NUD070AFG000XXX	XT3SUD070AFG000XXX	XT4SUD070AFG000XXX
80	XT3NUD080AFG000XXX	XT3SUD080AFG000XXX	XT4SUD080AFG000XXX
90	XT3NUD090AFG000XXX	XT3SUD090AFG000XXX	XT4SUD090AFG000XXX
100	XT3NUD100AFJ000XXX	XT3SUD100AFJ000XXX	XT4SUD100AFJ000XXX
110	XT3NUD110AFJ000XXX	XT3SUD110AFJ000XXX	XT4SUD110AFJ000XXX
125	XT3NUD125AFJ000XXX	XT3SUD125AFJ000XXX	XT4SUD125AFJ000XXX
150	XT3NUD150AFJ000XXX	XT3SUD150AFJ000XXX	XT4SUD150AFJ000XXX
175	XT3NUD175AFJ000XXX	XT3SUD175AFJ000XXX	XT4SUD175AFJ000XXX
200	XT3NUD200AFJ000XXX	XT3SUD200AFJ000XXX	XT4SUD200AFJ000XXX
225	XT3NUD225AFJ000XXX	XT3SUD225AFJ000XXX	XT4SUD225AFJ000XXX

Note: ReliaMod™ Commercial Meter Stacks with lever bypass are designed to accept 42-100 kAIC XT3 and XT4 tenant breakers only.

Note: XT3 and XT4 tenant breakers listed as 2-pole for 1-phase applications are 3-pole case breakers suitable and UL Approved for 1-phase applications with load lugs factory installed on the two outside poles.

Note: All XT3 and XT4 tenant breakers for ReliaMod™ 225A socket meter stacks come with thermal magnetic fixed (TMF) trip units. All factory intalled XT5 tenant breakers for ReliaMod™ 400A meter stacks come with thermal magnetic adjustable (TMA) trip units.

Factory installed load lug summary of commercial meter stack 2-pole tenant breakers, 42-100 kAIC

Meter socket type	Breaker frame	Ampere rating	Breaker load lug wire size		Load lug Replacement kit
			Cu	Al	
225A	XT3	60-90	(1) #14-1/0	(1) #14-1/0	KXT3CUAL1-2PC
		100-225	(1) #4-300	(1) #4-300	KXT3CUAL2-2PC
	XT4	40-90	(1) #14-1/0	(1) #14-1/0	KXT4CUAL1-2PC
		100-225	(1) #4-300	(1) #4-300	KXT4CUAL2-2PC
	XT5	400	(2) 2/0-500	(2) 2/0-500	KXT5CUAL2X500K-2PC

ReliaMod™

Tenant breakers - commercial

3-pole tenant breakers for commercial 3-phase meter stacks with lever bypass



—
XT3 Frame
Tenant Breaker



—
XT4 Frame
Tenant Breaker

ReliaMod™ 3-pole tenant main breakers for use in 225A, 3-phase, 42-100 kAIC sockets with lever bypass

Amps	42 kAIC	65 kAIC	100 kAIC
40	-	-	XT4SUE040AFG000XXX
50	-	-	XT4SUE050AFG000XXX
60	XT3NUE060AFG000XXX	XT3SUE060AFG000XXX	XT4SUE060AFG000XXX
70	XT3NUE070AFG000XXX	XT3SUE070AFG000XXX	XT4SUE070AFG000XXX
80	XT3NUE080AFG000XXX	XT3SUE080AFG000XXX	XT4SUE080AFG000XXX
90	XT3NUE090AFG000XXX	XT3SUE090AFG000XXX	XT4SUE090AFG000XXX
100	XT3NUE100AFJ000XXX	XT3SUE100AFJ000XXX	XT4SUE100AFJ000XXX
110	XT3NUE110AFJ000XXX	XT3SUE110AFJ000XXX	XT4SUE110AFJ000XXX
125	XT3NUE125AFJ000XXX	XT3SUE125AFJ000XXX	XT4SUE125AFJ000XXX
150	XT3NUE150AFJ000XXX	XT3SUE150AFJ000XXX	XT4SUE150AFJ000XXX
175	XT3NUE175AFJ000XXX	XT3SUE175AFJ000XXX	XT4SUE175AFJ000XXX
200	XT3NUE200AFJ000XXX	XT3SUE200AFJ000XXX	XT4SUE200AFJ000XXX
225	-	-	XT4SUE225AFJ000XXX

Note: 225A XT3 not available in 3-Phase Meter Stacks. Max is 200A. For 225A 3P utilize the 100 kAIC XT4 frame.

Note: ReliaMod™ Meter Commercial Meter Stacks with lever bypass are designed to accept 42-100 kAIC XT3 and XT4 tenant breakers only.

Note: All XT3 and XT4 tenant breakers for ReliaMod™ 225A socket meter stacks come with thermal magnetic fixed (TMF) trip units. All factory intalled XT5 tenant breakers for ReliaMod™ 400A meter stacks come with thermal magnetic adjustable (TMA) trip units.

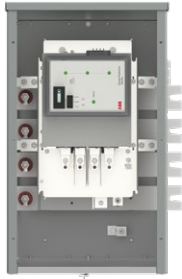
Factory installed load lug summary of commercial meter stack 3-pole tenant breakers, 42-100 kAIC

Meter socket type	Breaker frame	Ampere rating	Breaker load lug wire size		Load lug Replacement kit
			Cu	Al	
225A	XT3	60-90	(1) #14-1/0	(1) #14-1/0	KXT3CUAL1-3PC
		100-225	(1) #4-300	(1) #4-300	KXT3CUAL2-3PC
	XT4	40-90	(1) #14-1/0	(1) #14-1/0	KXT4CUAL1-3PC
		100-225	(1) #4-300	(1) #4-300	KXT4CUAL2-3PC
	XT5	400	(2) 2/0-500	(2) 2/0-500	KXT5CUAL2X500K-3PC

ReliaMod™ Accessories



RMM33SURGE



RMM33SURGE



RELBOV316N3R



RSPACER3127

Surge protective device modules¹ (connects to meter center via included horizontal cross bus)

Phase	Voltage	kA per Phase	Enclosure	Cross bus (amperage)	Ordering code
1-Phase	120/240V	130	N3R Outdoor	1200	RMM11SURGE
		200			RMM12SURGE
		300			RMM13SURGE²
3-Phase	208Y/120V	130			RMM31SURGE
		200			RMM32SURGE
		300			RMM33SURGE²

Note: For additional dimensions and technical data please click on the specific ReliaMod™ ordering code hyperlink in this catalog to view its respective outline drawings/spec sheet. These can also be found in ABB empower and the ABB Library.

¹All SPD's are UL1449 listed and come standard with LED Status indicators, audible alarm, and remote monitoring contacts.

²300kA per phase models also come with UL1283 EMI/RFI Noise Filtering & Surge Counter.

Surge protective device module dimensions

Phase	Voltage	kA per Phase	W (in)	H (in)	D (in)	Ordering code
1-Phase	120/240V	130	15.25	25.14	12.7	RMM11SURGE
		200	15.25	25.14	10.0	RMM12SURGE
		300	15.25	25.14	10.0	RMM13SURGE
3-Phase	208Y/120V	130	15.25	25.14	12.7	RMM31SURGE
		200	15.25	25.14	10.0	RMM32SURGE
		300	15.25	25.14	10.0	RMM33SURGE

Note: For additional dimensions and technical data please click on the specific ReliaMod™ ordering code hyperlink in this catalog to view its respective outline drawings/spec sheet. These can also be found in ABB empower and the ABB Library.

Inside Corner Elbows

Phase	Voltage	Inside corner elbow dimensions (in)	Enclosure	Cross bus (amperage)	Ordering code
1-Phase or 3-Phase	120/240V or 208Y/120V	16 x 16	N3R Outdoor	1200	RELBOV316N3R
1-Phase or 3-Phase	120/240V or 208Y/120V	12 x 12			RELBOV312N3R

Note: For additional dimensions and technical data please click on the specific ReliaMod™ ordering code hyperlink in this catalog to view its respective outline drawings/spec sheet. These can also be found in ABB empower and the ABB Library.

Spacer

Phase	Voltage	Spacer width (in)	Enclosure	Cross bus (amperage)	Ordering code
1-Phase or 3-Phase	120/240V or 208Y/120V	7.25	N3R Outdoor	1200	RSPACER3127

Note: Spacers can be useful for a variety of reasons. They can be installed between any two ReliaMod™ sections and will add an additional 7.25 inches of width between them. Some utilities require certain minimum widths between main modules and closest meter sockets which this spacer can help accomplish.

Note: For additional dimensions and technical data please click on the specific ReliaMod™ ordering code hyperlink in this catalog to view its respective outline drawings/spec sheet. These can also be found in ABB empower and the ABB Library.

ReliaMod™

Accessories

ReliaMod™ bus transition adapters

ABB ReliaMod™ modular metering horizontal bus does not match up to GE Meter Mod III horizontal bus so any ABB ReliaMod™ modular metering section cannot be connected to any GE Meter Mod III section and vice versa without a bus transition adapter section. There are two different order code numbers of ReliaMod™ modular metering bus transition adapter sections, one for a right-side connection to existing GE Meter Mod III and one for a left-side connection to GE Meter Mod III as outlined below.

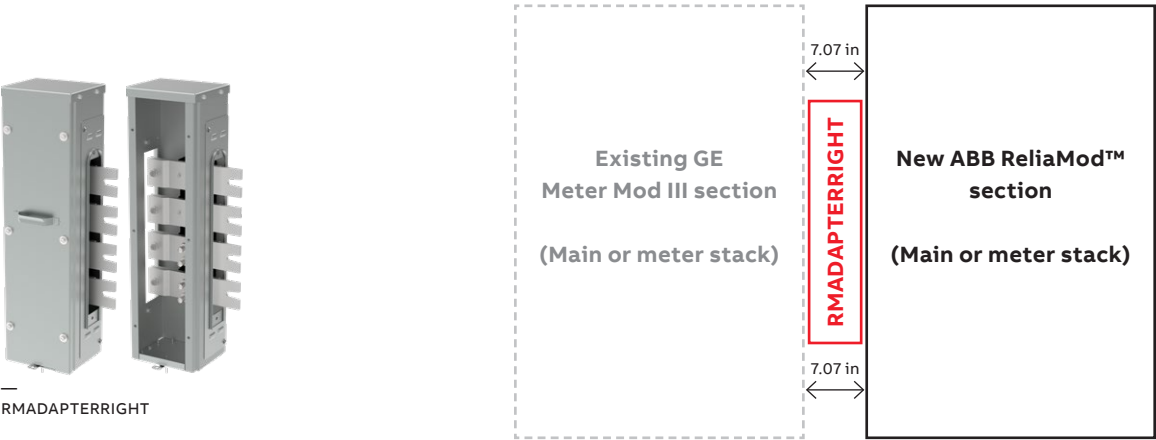
Please review the illustrations below to determine if your application requires a right-side connection bus adapter or left-side connection bus transition adapter.

GE Meter Mod III to ABB ReliaMod™ modular metering bus transition adapters

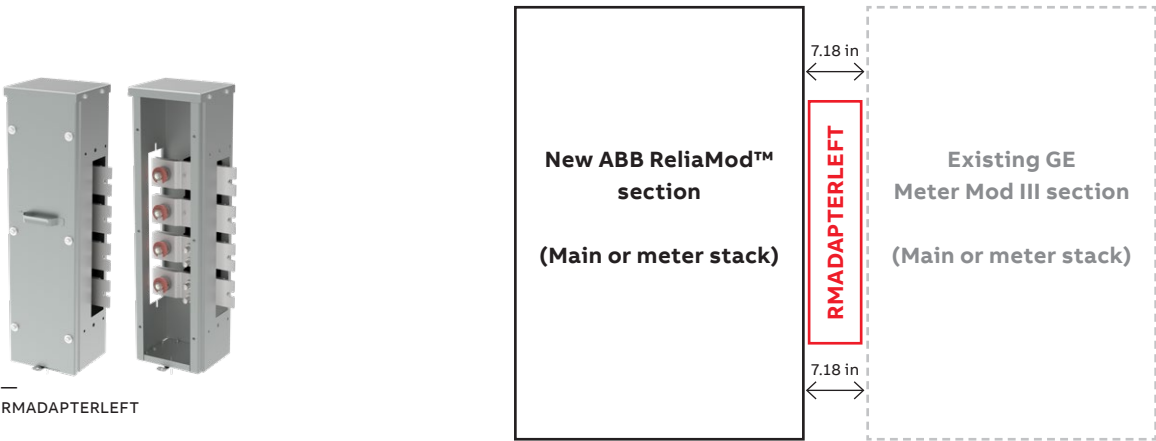
Phase	Voltage	Connection side to existing GE Meter Mod III	Bus transition adapter width (in)	Enclosure	Cross bus (amperage)	Ordering code
1-Phase or 3-Phase	120/240V or 208Y/120V	Right only	7.07	N3R Outdoor	1200	Coming soon
1-Phase or 3-Phase	120/240V or 208Y/120V	Left only	7.18			Coming soon

Note: For additional dimensions and technical data please click on the specific ReliaMod™ ordering code hyperlink in this catalog to view its respective outline drawings/spec sheet. These can also be found in ABB empower and the ABB Library.

Right side connection bus adapter application



Left side connection bus adapter application



ReliaMod™

Accessories

ReliaMod™ replacement wall mounting accessories (continued on next page)

Wall rail replacement kit Ordering code	Wall rail width (in)	ReliaMod™ product										
		Main modules							Meter modules	Accessories		
		Main breaker modules (standard)	Main breaker modules (with lug landing pad)	Main breaker modules (EUSERC)	Main fusible switch modules (standard)	Main fusible switch (EUSERC)	MLO modules (standard)	MLO modules (feed through)	See below	Pull boxes	Surge modules	Elbows
RWALLRAIL12	12											12 inch elbow
RWALLRAIL13	13								125A residential meter modules (THQL tenant breakers)			
RWALLRAIL14A	14								125A residential meter modules (TEY tenant breakers)			
RWALLRAIL14B	14						400A MLO					
RWALLRAIL15	15										Standard surge modules (all models)	
RWALLRAIL16	16											16 inch elbow
RWALLRAIL17A	17								225A residential meter modules (Formula and XT3/XT4 tenant breakers)			
RWALLRAIL17B	17						600A MLO			400A pull box		
RWALLRAIL19	19								225A commercial lever bypass meter modules			
RWALLRAIL20A	20	400A-1200A MCB		400A MCB	400A-800A MFS	400A MFS	800A-1200A MLO					
RWALLRAIL20B	20								400A lever bypass with (2) 200A max tenant breakers			

(continued on next page)

Note: Replacement wall rails are specific to the enclosure they are being used for and have specific order code numbers based on the enclosure width. Be sure to select the correct order code number in the table above based on your unique ReliaMod™ enclosure that you need a replacement wall rail for.

Note: Replacement wall rails do not come with mounting hardware to mount them to the wall. This is because there are many different types of wall material they can be mounted to that would require different hardware, many different local or regional code requirements, and any applicable seismic requirements. Replacement wall rail mounting hardware is to be provided by others.

Note: Replacement wall rails mount to the wall and not on the ReliaMod™ enclosure. See enclosure rail brackets on the next page if you need a replacement bracket to mount to the ReliaMod™ enclosure.

Note: ReliaMod™ spacers and bus adapters are small enough that they do not require wall rails and are not listed above as they only come with wall swivel brackets for mounting. However, ReliaMod™ pull boxes, surge modules, and elbows indeed do come with wall rails as outlined in the above table.

ReliaMod™

Accessories

ReliaMod™ replacement wall mounting accessories (continued)

Wall rail replacement kit Ordering code	Wall rail width (in)	ReliaMod™ product										
		Main modules							Meter modules	Accessories		
		Main breaker modules (standard)	Main breaker modules (with lug landing pad)	Main breaker modules (EUSERC)	Main fusible switch modules (standard)	Main fusible switch (EUSERC)	MLO modules (standard)	MLO modules (feed through)	See below	Pull boxes	Surge modules	Elbows
RWALLRAIL23	23								400A commercial lever bypass meter modules			
RWALLRAIL25	25	1400A through 1600A MCB (4-cable lug design)		600A-800A MCB		600A-800A MFS				800A pull box		
RWALLRAIL29	29							1200A MLO feed through				
RWALLRAIL33	33			1000A-1200A MCB			1600A-2000A MLO	1600A-2000A MLO feed through		1200A pull box		
RWALLRAIL39	39	1400A-2000A MCB (6-cable lug design)	1400A-1600A MCB with lug landing pad									

Note: Replacement wall rails are specific to the enclosure they are being used for and have specific order code numbers based on the enclosure width. Be sure to select the correct order code number in the table above based on your unique ReliaMod™ enclosure that you need a replacement wall rail for.

Note: Replacement wall rails do not come with mounting hardware to mount them to the wall. This is because there are many different types of wall material they can be mounted to that would require different hardware, many different local or regional code requirements, and any applicable seismic requirements. Replacement wall rail mounting hardware is to be provided by others.

Note: Replacement wall rails mount to the wall and not on the ReliaMod™ enclosure. See enclosure rail brackets below if you need a replacement bracket to mount to the ReliaMod™ enclosure.

Note: ReliaMod™ spacers and bus adapters are small enough that they do not require wall rails and are not listed above as they only come with wall swivel brackets for mounting. However, ReliaMod™ pull boxes, surge modules, and elbows indeed do come with wall rails as outlined in the above table.

Replacement enclosure rail bracket

Ordering code	Description
RENCLOSURERAIL ¹	Kit of 3 replacement enclosure rail brackets with hardware (The enclosure rail bracket mounts to the ReliaMod™ enclosure vs the wall rail bracket which mounts to the wall that the enclosure rail rests on)

Replacement wall swivel brackets

Ordering code	Description
RWALLBRACKETS ²	Kit of 6 wall swivel brackets with hardware

¹These enclosure rail brackets apply to all ReliaMod™ enclosures, unlike wall rails in the table above that have specific order code numbers for certain ReliaMod™ enclosure designs and widths.

²These swivel brackets apply to all ReliaMod™ enclosures, unlike wall rails that have specific order code numbers for certain enclosure designs and widths

ReliaMod™ Accessories



800A
1SDA104934R1



1200A
1SDA073672R1



3" Large Hub
ARP00019GE



RSEALINGRING



ARP00920GE

ReliaMod™ accessories

Accessory category	Description	Ordering code
Field Installable Shunt Trips for MCB Modules	120V-240V Shunt Trip For XT5 (400A-600A) and XT6 (800A) Main Breaker Modules	1SDA104934R1
	120V Shunt Trip For XT7 (1000A-1200A) Main Breaker Modules	1SDA073672R1
	240V Shunt Trip For XT7 (1000A-1200A) Main Breaker Modules	1SDA073674R1
	120V Shunt Trip For T8 (1400A-2000A) Main Breaker Modules	1SDA038290R1
	240V Shunt Trip For T8 (1400A-2000A) Main Breaker Modules	1SDA038292R1
Hubs and Hub Closure Plates	4 in Hub Closure Plate with Gasket	RCLOSUREPLATE
	Mounting Hub Kit: Large Hub opening, 2 inch conduit (Hub screws included)	ARP00017GE
	Mounting Hub Kit: Large Hub opening, 2.5 inch conduit (Hub screws included)	ARP00018GE
	Mounting Hub Kit: Large Hub opening, 3 inch conduit (Hub screws included)	ARP00019GE
	Mounting Hub Kit: Large Hub opening, 3.5 inch conduit (Hub screws included)	ARP00020GE
Optional Field Installable Lug Kits For Main Breaker Modules	Mounting Hub Kit: Large Hub opening, 4 inch conduit (Hub screws included)	ARP00021GE
	ReliaMod™ XT7 Frame Main Module Oversized Lug Kit: This lug kit will include lugs to accommodate (3) 500-750 kcmil Cu/Al cables per phase and neutral for XT7 frame main modules. Order one kit per each XT7 frame main module you need oversized lugs for.	RXT7LUGKIT750 ¹
	Replacement XT5 Main Module Lug Kit: (2) 2/0-500 kcmil per phase and neutral (Al/Cu)	RXT5LUGKIT
	Replacement XT6 Main Module Lug Kit: (3) 2/0-400 kcmil per phase and neutral (Al/Cu)	RXT6LUGKIT
	Replacement XT7 Main Module Lug Kit: (4) 4/0-500 kcmil per phase and neutral (Al/Cu)	RXT7LUGKIT
Replacement Main Breaker Module Lug Kits	Replacement T8 Main Module Lug Kit: (4) 1/0-750 kcmil per phase and neutral (Al/Cu)	RT8LUGKIT
	Replacement T8 Main Module Lug Kit: (6) 1/0-750 kcmil per phase and neutral (Al/Cu)	RT8LUGKIT2 ²
Replacement Main Breaker Finger Safe Barrier Kits	Replacement Finger Safe Barrier Kit for standard XT5 main modules	RXT5SB500
	Replacement Finger Safe Barrier Kit for standard XT6 main modules	RXT6SB400
	Replacement Finger Safe Barrier Kit for standard XT7 main modules, 500 kcmil lugs	RXT7SB500
	Replacement Finger Safe Barrier Kit for standard XT7 main modules, 750 kcmil lugs	RXT7SB750
	Replacement Finger Safe Barrier Kit for standard 4-cable lug T8 breaker main modules (Note: 6-cable lug T8 breaker main modules do not come with nor require a finger safe barrier kit due to the positioning of load side of the breaker in a separate compartment from the line side)	RT8SB4750
5th Jaw Kits	ReliaMod™ 5th Jaw Kit: 6 or 9 o'clock mount (125A and 225A Residential Sockets only)	RM5THJAW
	ReliaMod™ Isolated 5th Jaw Kit: 6 or 9 o'clock mount (125A and 225A Residential Sockets only)	RM5THJAWISO
Horn Bypass Kit	ReliaMod™ Horn Bypass Kit: For 125A and 225A Residential Ringless Type Sockets Only	RHORNBYPASS
Bypass Jumpers	Jumper Straps (use with RMCA meter socket cover), 125A and 225A residential sockets only	RJUMPERSTRAP
	Plastic Meter Socket Cover Including Jumper Strap, 125A and 225A residential sockets only	RJUMPERWCOVER
Sealing Ring	Replacement Sealing Ring for Ring Cover, Stainless Steel (Fits all socket positions)	RSEALINGRING
Meter Covers	Blank Steel Meter Cover 125A Residential Sockets (Fits all socket positions)	RMCOVER125
	Blank Steel Meter Cover 225A Residential Sockets (Fits all socket positions)	RMCOVER225
	Blank Steel Meter Cover 225A Commercial Lever Bypass Sockets (Fits all socket positions except top socket)	RMCOVER225LVBP
	Blank Steel Meter Cover 225A Commercial Lever Bypass Sockets (Fits top socket only)	RMCOVER225LBTOP
	Blank Steel Meter Cover 400A Commercial Lever Bypass Sockets (Fits all socket positions)	RMCOVER400LVBP
	Clear Round Plastic Socket Cover With Tabs (Fits all socket positions)	ARP00920GE
	Clear Round Plastic Socket Cover Without Tabs (Fits all socket positions)	RMCA
Anti-inversion clip	This clip is meant to be installed in 320A/400A ReliaMod™ meter sockets to prevent a 200A meter or other style from being installed in a higher amperage socket and also to prevent the correct 320A meter from being installed upside down. This is required by some utilities such as Dominion	RMIC

¹Can be field installed in standard (non-EUSERC) MCB or MFS main modules with an XT7 main device frame for larger than 500 kcmil lug requirements.

²The 6-cable lug kit, RT8LUGKIT2, is a replacement lug kit only and can only be installed in original 6-cable lug T8 main breaker modules. This lug kit cannot be used to field convert a 4-cable lug T8 main breaker module to 6-cable lug as the 4-cable lug enclosures are not large enough. For example: You cannot use this lug kit to field convert the 4-cable lug 1600A MCB main module, RMM3BB16R, to accept 6-cable lugs, it will not fit.

ReliaMod™ Accessories



RBUSCAPLAT

ReliaMod™ accessories

Accessory category	Description	Ordering code
Ring To Ringless Type Socket Conversion Kits ^{1,2}	Ring to Ringless Conversion Kit for 125A ReliaMod™ Residential Type Sockets	RM125RINGLESS
	Ring to Ringless Conversion Kit for 225A ReliaMod™ Residential Type Sockets	RM225RINGLESS
Ringless To Ring Type Socket Conversion Kits ²	Ringless to Ring Conversion Kit for 125A ReliaMod™ Residential Type Sockets	RM125RING
	Ringless to Ring Conversion Kit for 225A ReliaMod™ Residential Type Sockets	RM225RING

¹Includes 5th jaw kit with neutral cable

²Applicable for residential sockets only. Commercial lever bypass sockets cannot be converted.



RBUSCAPDEEP

ReliaMod™ accessories

Accessory category	Description	Ordering code
Replacement Ganging Kits	Replacement Ganging Hardware Kit for Horizontal Bus	RBUSGANG
	Replacement Ganging Hardware Kit for Enclosure	RENCLGANG
Replacement Horizontal Bus End Caps	Replacement Horizontal Bus End Cap (Left Side, Flat)	RBUSCAPLAT
	Replacement Horizontal Bus End Cap (Right Side Deep)	RBUSCAPDEEP
Replacement Tenant Breaker Cover	Replacement Black Plastic Tenant Breaker Cover for 125A and 225A Socket Meter Stacks	RTBCOVER
Replacement Phase Barrier Kits for MCB and MFS Modules	Replacement Phase Barriers kit for XT5 frame main modules	1SDA107801R1
	Replacement Phase Barrier kit for XT6 frame main modules	1SDA107807R1
	Replacement Phase Barrier kit for XT7 frame main modules	1SDA073877R1
	Replacement Phase Barrier Kit for T8 frame main modules	1SDA066028R1
Main Breaker Module Padlock Provision Kits (Allows the circuit breaker to be locked in the open position, padlock not included)	XT5 Main Breaker padlock provision in open position	1SDA105099R1
	XT6 Main Breaker padlock provision in open position	1SDA105102R1
	XT7 Main Breaker padlock provision in open position	1SDA105104R1
	T8 Main Breaker padlock provision in open position	1SDA038351R1



RTBCOVER

ReliaMod™ accessories

Accessory category	Description	Ordering code
Replacement Phase Balancing Kits (For replacement only, all phase balancing hardware ships with each socket)	Replacement Phase Balancing Strap Kit for residential 125A THQL sockets	RPHBALANCEKIT-1
	Replacement Phase Balancing Strap Kit for residential 125A TEY sockets	RPHBALANCEKIT-2
	Replacement Phase Balancing Strap Kit for residential 225A Sockets (A1-A2, XT3-XT4)	RPHBALANCEKIT-3
	Replacement Phase Balancing Strap Kit for commercial lever bypass 225A XT3-XT4 sockets	RPHBALANCEKIT-4
	Replacement Phase Balancing Strap Kit for commercial lever bypass 400A XT5 sockets	RPHBALANCEKIT-5



TLABLESDBP

ReliaMod™ accessories

Accessory category	Description	Ordering code
Replacement Labels	Replacement Emergency Disconnect Adhesive Labels (Pack of 10)	TLABLESDBP
	Replacement Arc Flash Adhesive Labels (Pack of 10)	10091352G1



10091352G1

ReliaMod™ Accessories



XT3 Terminal Cover:
KXT3HTC-3



XT3 Terminal Screw Kit:
1SDA066857R1



XT3 Mounting Screw Kit:
1SDA076419R1



XT7 Trip Unit Battery Pack:
1SDA066988R1



T8 Trip Unit Battery Pack:
1SDA058258R1



Ekip T&P Testing Kit:
1SDA066989R1

ReliaMod™ accessories

Accessory category	Description	Ordering code
Replacement Formula Tenant Breaker Load Lug Kits ¹	Replacement 2-Pole A1 Formula Breaker Load Lug Kit: (1) 14–2 AWG	KA1080-2
	Replacement 2-Pole A1 Formula Breaker Load Lug Kit: (1) 4–1 AWG	KA1100-2
	Replacement 2-Pole A2 Formula Breaker Load Lug Kit: (1) 1 AWG-300 kcmil	KA2225-2
	Replacement 2-Pole A2 Formula Breaker Load Lug Kit (1) 300-350 kcmil	KA2250-2
Replacement Tmax XT Tenant Breaker Load Lug Kits	Replacement 2-Pole XT3 Breaker Load Lug Kit: (1) 14-1/0 AWG	KXT3CUAL1-2PC
	Replacement 2-Pole XT3 Breaker Load Lug Kit: (1) 4 AWG-300 kcmil	KXT3CUAL2-2PC
	Replacement 3-Pole XT3 Breaker Load Lug Kit: (1) 14-1/0 AWG	KXT3CUAL1-3PC
	Replacement 3-Pole XT3 Breaker Load Lug Kit: (1) 4 AWG-300 kcmil	KXT3CUAL2-3PC
	Replacement 2-Pole XT4 Breaker Load Lug Kit: (1) 14-1/0 AWG	KXT4CUAL1-2PC
	Replacement 2-Pole XT4 Breaker Load Lug Kit: (1) 4 AWG-300 kcmil	KXT4CUAL2-2PC
	Replacement 3-Pole XT4 Breaker Load Lug Kit: (1) 14-1/0 AWG	KXT4CUAL1-3PC
	Replacement 3-Pole XT4 Breaker Load Lug Kit: (1) 4 AWG-300 kcmil	KXT4CUAL2-3PC
	Replacement 3-Pole XT4 Breaker Load Lug Kit: (1) 3/0 AWG-350 kcmil	KXT4CUAL3-3PC
	Replacement 2-Pole XT5 Breaker Load Lug Kit: (2) 2/0-500 kcmil	KXT5CUAL2X500K-2PC
	Replacement 3-Pole XT5 Breaker Load Lug Kit: (2) 2/0-500 kcmil	KXT5CUAL2X500K-3PC
Replacement Tenant Breaker Mounting Hardware/Screw Kits	Replacement XT3 Tenant Breaker Mounting Screws (Bag of 25 mounting screw kits)	1SDA076419R1
	Replacement XT4 Tenant Breaker Mounting Screws (Bag of 25 mounting screw kits)	1SDA076420R1
	Replacement XT5 Tenant Breaker Mounting Screws (Bag of 10 mounting screw kits)	1SDA119915R1
	Replacement XT3 Tenant Breaker Replacement Terminal Screw Kit (One kit required per breaker)	1SDA066857R1
	Replacement XT4 Tenant Breaker Replacement Terminal Screw Kit (One kit required per breaker)	1SDA066861R1
	Replacement XT5 Tenant Breaker Replacement Terminal Screw Kits (One kit required per breaker)	1SDA104730R1
	Replacement TEY Frame Tenant Breaker Replacement Bolt on mounting screws (Kit of 24 screws)	TQBS1
Replacement Tenant Breaker Phase Separators	Replacement Phase Separators for XT3 Tenant Breaker (Kit of 4)	KXTBPB25-3
	Replacement Phase Separators for XT4 Tenant Breaker (Kit of 4)	KXTCPB25-3
	Replacement Phase Separators for XT5 Tenant Breaker (Kit of 4)	KXT5PB25UL-3
	Replacement Phase Separators for Formula A1 Tenant Breaker (Kit of 2)	KA1PBL-3
	Replacement Phase Separators for Formula A2 Tenant Breaker (Kit of 2)	KA2PBL-2
Replacement TMAX High Terminal Covers	Replacement XT3 Tenant Breaker High Terminal Cover	KXT3HTC-3
	Replacement XT4 Tenant Breaker High Terminal Cover	KXT4HTC-3
	Replacement XT5 Tenant Breaker High Terminal Cover	KXT5HTC-3
Trip Unit Battery Packs (Temporarily powers trip unit to adjust breaker settings if power is not yet applied to the breaker)	Trip Unit Battery Pack for XT7 Ekip Touch Trip Unit (1200A main breaker modules)	1SDA066988R1
	Trip Unit Battery Pack for T8 PR332/P Trip Unit (1400A, 1600A, 2000A main breaker modules)	1SDA058258R1
Ekip T&P Testing Kit	This testing kit can test the RELT function on applicable circuit breaker trip units via secondary injection to satisfy NEC 240.87(C) performance testing requirements (if secondary injection is allowable by the AHJ). A complete test report can be generated and saved on a local PC and/or printed. This kit is compatible with XT7, T8, and Emax 2 circuit breaker trip units that come with the RELT function.	1SDA066989R1
RELT System Replacement Kits	RELT System Replacement Kit for XT7 frame MCB ReliaMod™ main modules: Includes Ekip power supply, Ekip signaling, RELT switch, pig tail, fuse holder, fuses, hardware, etc.	RMXT7RELTKit
	RELT System Replacement Kit for T8 frame MCB ReliaMod™ main modules: Includes RELT switch, pig tail, fuse holder, fuses, hardware, etc.	RMT8RELTKit

¹ A1 and A2 Formula breaker lug kits are not interchangeable between frames. For example: You cannot use the A2 kit KA2225-2 to install 300 kcmil lugs on an A1 frame breaker.



ReliaMod™ application information

Phase balancing

1-Phase residential meter-sockets should be phase balanced when connected to 3-phase source.

As much as possible, electricians want the system balanced. Hence for a 6 meter-socket installation, they will want:

- 2 meter-sockets on the A-B
- 2 meter-sockets on the A-C
- 2 meter-sockets on the B-C

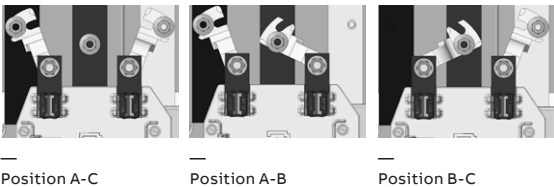
To phase-balance a system, electricians are often required to revise the factory setting. Hence connecting straps between meter-socket and the 3-phase lines need to be moved.

Below is a summary of the factory phase connections for all ABB 3-Phase in 1-Phase out meter stacks that can be adjusted in the field and to the right are instructions for the field phase balancing of standard residential sockets, without lever-bypass.

Changing the phase balance in the field

Standard 125-225A meter-sockets, without lever-bypass

- 1. Turn off power supplying this equipment
Note:
Phase balance strap 1 can be swiped between PH-A and PH-B. Phase balance strap 2 can be swiped between PH-B and PH-C.
- 2. Loosen phase-balance strap at vertical and meter-socket connection
- 3. Swipe strap to position required
- 4. Retighten strap at vertical and meter-socket connection. Torque 170 in-lbf.



Factory phase connections in 3-phase in 1-phase out meter stacks					
1-gang	2-gang	3-gang	4-gang	5-gang	6-gang
Top	Top	Top	Top	Top	Top
A-C	A-C	A-C	A-C	A-C	A-C
Bottom	A-B	A-B	A-B	A-B	A-B
	Bottom	B-C	B-C	B-C	B-C
		Bottom *Balanced	A-C	A-C	A-C
			Bottom	A-B	A-B
				Bottom	B-C
					Bottom *Balanced

*3-gang and 6-gang meter stacks will always be evenly phase balanced from the factory.

ReliaMod™

Series ratings

Understanding series rating applications

The following series rating information is to serve as a guide and quick reference only. For official series rating information and documentation always refer to the latest version of publication # DET-008

Definitions

Fully rated system

The short-circuit ratings of all protective devices are equal to or exceed the available short-circuit current of the system. If the breakers are mounted in equipment, the bus short-circuit withstand rating and equipment short-circuit rating must equal or exceed the available short-circuit current.

Series-connected system

The short-circuit rating of the upstream protector is fully rated at its location, but the downstream protector is not fully rated. The downstream protector has lower interruption rating than the available fault current at its location.

Series-connected rating

UL permits assigning a short-circuit rating to a combination of protectors (molded-case circuit breakers and/or fuses) connected in series that is higher than the lowest rated protective device in the combination. Note:

- Series ratings are applicable only when the end-use equipment is so marked.
- The combination rating cannot exceed the rating of the protective device furthest upstream.
- Upstream device can be a molded-case circuit breaker or fuse.
- Device combinations are not limited to those in the same equipment. They can be in different equipment, such as the combination of a switchboard feeder and a downstream panelboard main versus a panelboard main and its branches.
- Any distance between devices in different equipment is permitted.
- Total fault current magnitude must flow through both protectors. Thus, fault current contribution from motors, as well as power source fault current, must flow through upstream and downstream protectors.

Alternate combinations

There are alternate combinations of series-rated devices that can be used, per DET-008. Please refer to series rating publication DET-008 for more details.

System example 1 : A is feeding B, C, and D

- The use of more than one branch breaker, each of which has a series-connected short-circuit rating with a given main circuit breaker or fuse, is acceptable for a series-connected short-circuit rating no greater than the lowest combination.
- Thus if main breaker A is series rated with submain or branch breaker B at 100kA, with branch breaker C at 65kA, and with branch breaker D at 42kA, then the series-connected combination can be rated at 42kA maximum.

System example 2: A is feeding B and B is feeding C.

- A is series rated with B and A is also series rated with C. This combination is acceptable at the lower series rating.
- A is series rated with C and B is fully rated for the available fault current. B does not invalidate the series rating.
- A is series rated with B and B feeds another B. This is an acceptable series rated system combination and is a variation of system example 1. Having B feeding another B does not invalidate that A series rates with multiple levels of B.

ReliaMod™

Series ratings

Substitutions

The following circuit breakers can be substituted for the circuit breakers shown in the series rating tabulations. These substitutions are not all includes. Please refer to publication DET-008 for a full list of latest approved substitutions.

Circuit breaker	Substitute circuit breaker(s)
tmax XT	
XT7H	XT7L
XT7S	XT7H, XT7L
XT6S	XT6H
XT6N	XT6S, XT6H
XT5L	XT5V
XT5H	XT5L, XT5V
XT5S	XT5H, XT5L, XT5V
XT5N	XT5S, XT5H, XT5L, XT5V
XT4S	XT4H, XT4L, XT4V
XT4N	XT4S, XT4H, XT4L, XT4V
XT3N	XT3S

Circuit breaker	Substitute circuit breaker(s)
q-Line	
THHQL	THHQB, THHQC
THQL	THQB, THQC, THHQL, THHQB, THHQC
THQL-AF	THQL-AF2, THQL-AF2P, THQL-PAF2, THQL-PAF2P, THQB-AF2, THQL-AF2S, THHQL-AF2, THHQL-AF2P, THHQL-PAF2, THHQL-PAF2P, THHQB-AF2, THHQL-AF2S
THQL-GF	THQL-GFT, THQL-GFTP, THQP-PGFT, THQL-PGFTP, THQL-GFEP, THQB-GFT, THQB-GFEP, THQL-GFTS, THHQL-GFT, THHQL-GFTP, THHQL-PGFT, THHQL-PGFTP, THHQL-GFEP, THHQB-GFT, THHQB-GFEP, THHQL-GFTS
THQL-DF	THQL-DFP, THQL-PDF, THQL-PDFP, THQL-DFS, THQB-DF, THHQL-DFP, THHQL-PDFP, THHQL-PDFP, THHQL-DFS, THHQB-DF
TEY	
TEY	TEYF
TEYF	TEYD, TEYH, TEYL
TEYD	TEYH, TEYL
TEYH	TEYL
Formula	
A2A	A2N
A1A	A1N

The below tables are a quick reference guide of some common 2-tier series rating combinations between main breakers in meter centers to tenant breakers in meter stacks. This is a guide only that is not all inclusive and does not serve as official documentation. Please refer to the latest version of series rating publication DET-008 for the latest series ratings and official documentation.

Series combinations for 125A Socket applications

Meter stack application	Upstream device			Downstream device			Series rated interrupting rating		
Socket amperage	Main breaker frame	Amperage	Poles	Tenant breaker frame	Amperage	Poles	Symmetrical amps	Phase	Vac
125A	T8V	1400A-2000A	2 and 3	THQL	70A-125A	2	42,000	1	240
				TEY or TEYF	60A-125A	2	65,000	1	
				TEYL	60-125A	2	100,000	1	
	XT7S	1000A-1200A		THQL	70A-125A	2	65,000	1	
				TEY or TEYF	60A-125A	2	100,000	1	
				THQL	70A-125A	2	65,000	1	
	XT6N	800A		TEY or TEYF	60A-125A	2	100,000	1	
				THQL	70A-125A	2	65,000	1	
				XT5N	400A-600A	TEY or TEYF	60A-125A	2	
	XT5S	THQL		70A-125A		2	65,000	1	

Series combinations for 225A Socket applications

Meter stack application	Upstream device			Downstream device			Series rated interrupting rating		
Socket amperage	Main breaker frame	Amperage	Poles	Tenant breaker frame	Amperage	Poles	Symmetrical amps	Phase	Vac
225A	T8V	1400A-2000A	2 and 3	XT3N	60A-225A	2 or 3	65,000	1 or 3	240
				XT4S	60A-225A	2 or 3	100,000	1 or 3	
	XT7S	1000A-1200A		XT3N	60A-225A	2 or 3	65,000	1 or 3	
				XT4S	60A-225A	2 or 3	100,000	1 or 3	
	XT6N	800A		Formula A1 or A2	60A-225A	2	65,000	1 or 3	
				XT4S	60A-225A	2 or 3	100,000	1 or 3	
	XT5N	400A-600A		Formula A1 or A2	60A-225A	2	65,000	1	
	XT5S			Formula A2	125A-225A	2	100,000	1	

ReliaMod™

UL standard listing numbers

ABB ReliaMod™ UL Standard Listing and File Numbers

Modular Metering Equipment	UL Standard for Safety	ABB UL File No.
Main Modules		
Main Breaker Modules, Main Fusible Switch Modules, Main Lug Modules	No. 67 Panelboards	E132253
	No. 489 Molded Case Circuit breakers	E93565
	No. 489 Molded Case Switches	E116595
Meter Modules		
Meter Stacks	No. 67 Panelboards	E132253
Meter Sockets	No. 414 Meter Sockets	E125073
Tenant Main Breakers		
THQL, THHQL	No. 489 Molded Case Circuit breakers	E11592
TEY-MM, TEYF-MM, TEYL-MM		E93565
Formula A1, A2		
Tmax XT		
Accessories		
Surge Modules	No 1449 Surge Protective Devices, No. 1283 EMI/RFI Noise Filtering, No. 96A Lightning Protection System	E320456
	No. 67 Panelboards	E132253
Pull Boxes, Elbows, Spacers, GE to ABB Adapters	No. 67 Panelboards	E132253
Meter Socket Accessories	No. 414 Meter Sockets	E125073
Circuit Breaker Accessories	No. 489 Molded Case Circuit Breakers	E116596
Other	No. 67 Panelboards	E132253
	No. 489 Molded Case Switches	E116595

Compression lug options

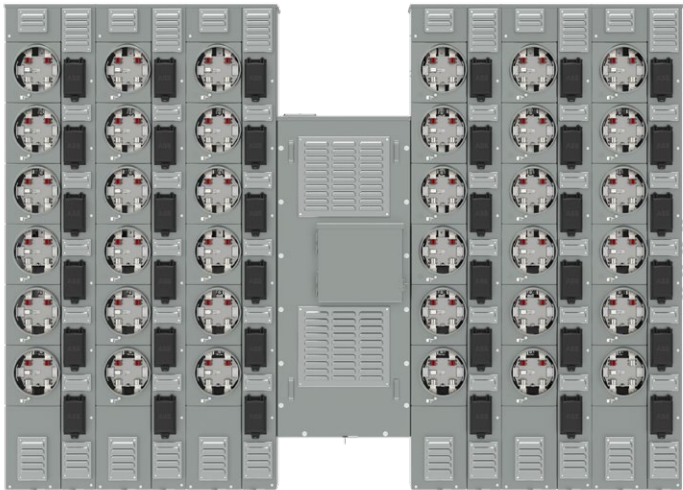
Not included in ABB ReliaMod™ products. These are to be purchased and provided by others as needed for ReliaMod™ mains and pull boxes that come with a lug landing pad.

The following UL listed compression lugs may be used

Wire Size	ABB/ T&B		Burndy		Panduit		MAC	
	CU only	CU/ AL	CU only	CU/ AL	CU only	CU/ AL	CU only	CU/ AL
250 MCM	54275	60256	YA29-2LN	YA29A3	LCC250-12	LAB250-12	MSB250-8N	MLB250-8N
	54868BE		YA29-2N	YA29AY-2N			MRB250-8N	MULB250-8N
300 MCM	54280	60262	YA30-2LN	YA30A3	LCC300-12	LAB300-12	MSB300-8N	MLB300-8N
	54870BE		YA30-2N	YA30AY-2N			MRB300-8N	MULB300-8N
350 MCM	54282	60267	YA31-2LN	YA31A3	LCC350-12	LAB350-12	MSB350-8N	MLB350-8N
	54872BE		YA31-2N	YA31AY-2N			MRB350-8N	MULB350-8N
400 MCM	54874	60269	YA32-2LN	YA32A3	LCC400-12	LAB400-12	MSB400-8N	MLB400-8N
			YA32-2N	YA32AY-2N			MRB400-8N	MULB400-8N
500 MCM	54266	60273	YA34-2LN	YA34A3	LCC500-12	LAB500-12	MSB500-8N	MLB500-8N
	54876BE		YA34-2N	YA34AY-2N			MRB500-8N	MULB500-8N
600 MCM	54289	60275	YA36-2LN	YA36A3		LAB600-12	MSB600-8N	MLB600-8N
	54878BE		YA36-2N	YA36AY-2N			MRB600-8N	MULB600-8N
700 MCM	54291	60277						
750 MCM	54223		YA39-2LN		LCC750-12	LAB750-12	MSB750-8N	
	54880BE		YA39-2N				MRB750-8N	

ReliaMod™

Where Center-Feeding Main Modules is Required



Suitable for Center-Feed Applications only
Horizontal bus is rated 1200 amps maximum. The load on the horizontal bus may not exceed 1200 amps in either direction from the point of connection of the main circuit breaker. Overall load is limited to the rating of the main circuit breaker.

For applications where the main module ampere rating is greater than that of the meter stack horizontal bus, the main module must be placed in the middle of the lineup (Figure A.) The engineer of record must provide calculations on the plans to show that the horizontal bussing will not be overloaded on either side. This situation, called "Center-Feeding", can happen in Either 800A or 1200A horizontal bus meter stack applications, depending on the main ampere rating. Reger to chart below for amperage and bus information. NOTE: Figure B shows the incorrect calculations

Does the Application Require Electrician to Center-Feed the Main Module?

Amps of Main Breaker, Lug or Switch	800A Horizontal Bus	1200 Horizontal Bus
400A – 800A	No	No
1000A	Yes	No
1200A	Yes	No
1400A	Yes	Yes
1600A	Yes	Yes
2000A	Yes	Yes

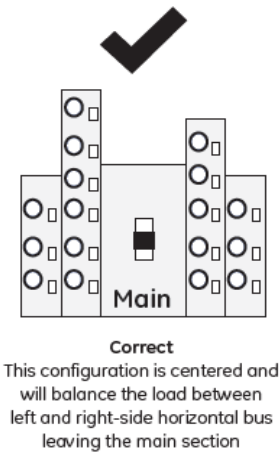


Figure A

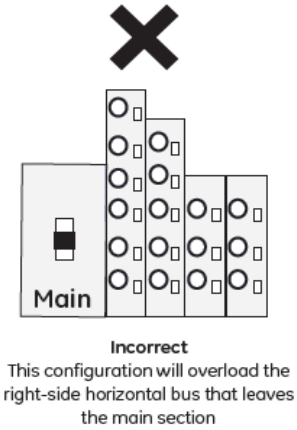
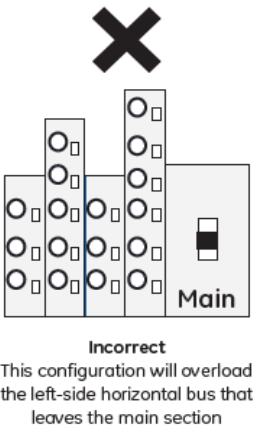


Figure B

ReliaMod™
Mid-rise and high-rise applications

Traditional solution

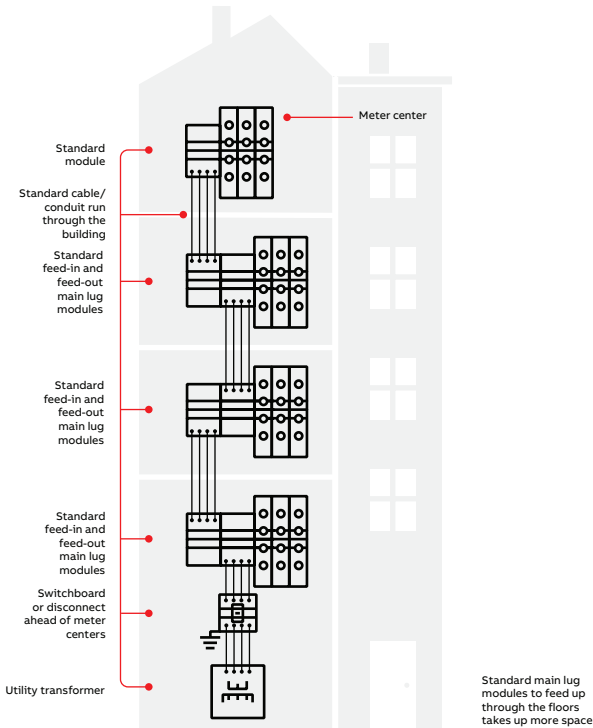


ABB ReliaMod™ feed through lug module solution

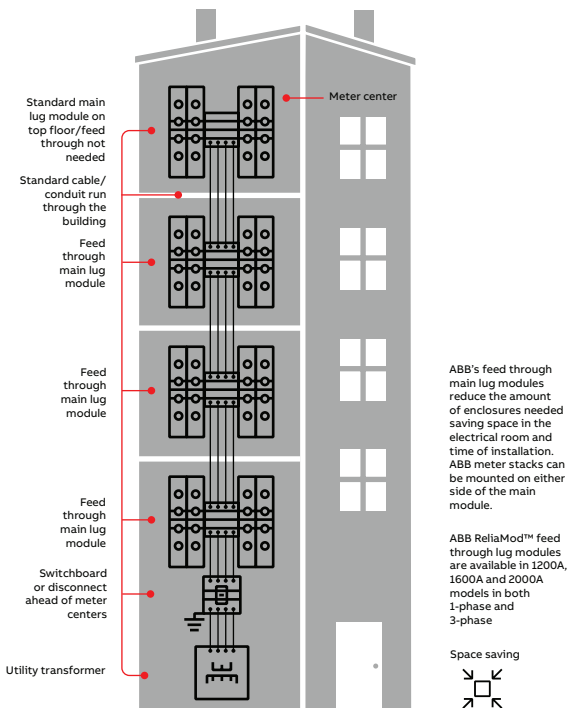
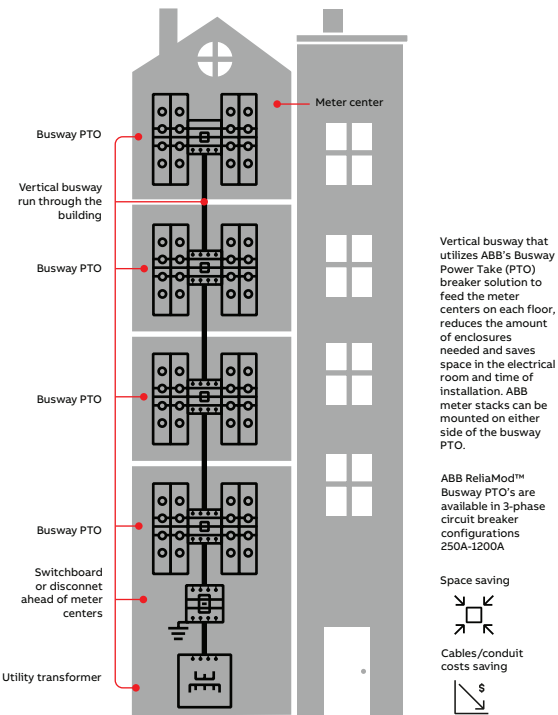


ABB ReliaMod™ Busway Power Take Off (PTO) solution



Meter Mod III

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Meter Mod III

Main breaker module, single-phase, 3 wire 120/240 Vac

Main ampere rating	Interrupting current rating (kAIC)	Feed location	110-240 Vac shunt trip	Main breaker frame	Main wire size AWG/kcmil Cu/Al - phase	Main wire size AWG/kcmil Cu/ Al - neutral	Ordering code
400	65	Bottom	No	SGH400	Al: (2) 2/0-500 or (1) 6-600 Cu: 2/0-400 or (1) 6-600	(2) 2 -600	TMPSB4R
	100						TMPSHB4R
800	65	Bottom	No	SKH800	Al/Cu (3) 3/0-500 ¹	(4) 250-500 ²	TMPSB8R
1000	65	Bottom	No	SKH1200	Al: (4) 250-500 Cu: (4) 250-500 ¹	(4) 250-500 ²	TMPSB10R
1200	65	Bottom	No	SKH1200	Al: (4) 250-500 Cu: (4) 250-500 ¹	(4) 250-500 ²	TMPSB12R
1400	100	Bottom	No	RG	(4) 500-1000 kcmil	(4) 250-500	TMPBB14R ³
1600	100	Bottom	No	RG	Al/Cu (4) 500-1000 kcmil	Al/Cu (4) 500-1000	TMPBB16R ³
		Bottom	Yes				TMPBB16RST ³
		Top	No				TMPBT16R ³
		Top	Yes				TMPBT16RST ³
2000	100	Top	No	RG	(6) #2-600 kcmil	(6) #2-600 kcmil	TMPBT20R ³
		Bottom	No				TMPBB20R ³

Main breaker module, single-phase, 3 wire 120/240 Vac with arc reduction means

Main ampere rating	Interrupting current rating (kAIC)	Feed location	110-240 Vac shunt trip	Description	Main wire size AWG/kcmil Cu/Al - phase	Main wire size AWG/kcmil Cu/Al - neutral	Ordering code
400A to less than 1200A	–	Top or bottom	No	–	–	–	Use standard product #. code effects only 1200A and greater
1200A	100	Bottom	No	1200A 1Ph main breaker bottom feed - arc reduction	(4) 500-1000	(4) 250-500	TMPBB12RAR
1400A	100	Bottom	No	1400A 1Ph main breaker bottom feed - arc reduction	(4) 500-1000	(4) 250-500	TMPBB14RAR
			Yes				TMPBB14RARST
		Top	Yes	1400A 1Ph main breaker top feed - arc reduction			TMPBT14RARST
1600A	100	Bottom	No	1600A 1Ph main breaker bottom feed - arc reduction	(4) 500-1000	(4) 500-1000	TMPBB16RAR
		Top	No	1600A 1Ph main breaker top feed - arc reduction			TMPBT16RAR
			Yes				TMPBT16RARST
2000A	100	Bottom	No	2000A 1Ph main breaker bottom feed - arc reduction	(6) #2-600	(6) #2-600	TMPBB20RAR

Note: The 600A single-phase standard MCB module is no longer available. Please see the fusible switch module alternatives on page 2-18, or EUSERC main breaker module alternatives on page 2-13. These are still available, subject to local approval.

¹Optional lug TCAL124 field installed wire range (3) 300-750 kcmil.

²Optional neutral lug field installed wire range (3) 1/0-750 kcmil. Lug kit product number TMPL750.

³Fixed rating plug not field adjustable.

Meter Mod III

Main breaker module, three-phase, 4 wire 208Y/120 Vac or three-phase, 4 wire, 120/240V delta hi-leg

Main ampere rating	Interrupting current rating (kAIC)	Feed location	110-240 Vac shunt trip	Main breaker frame	Main wire size AWG/kcmil Cu/Al - phase	Main wire size AWG/ kcmil Cu/Al - neutral	Ordering code
400	65	Bottom	No	SGH400	Al: (2) 2/0-500 or (1) 6-600 Cu: 2/0-400 or (1) 6-600	(2) 2-600	TMP3SB4R
	100						TMP3SHB4R
600	65	Bottom	No	SGH600	Al: (2) 2/0-500 or (1) 6-600 Cu: 2/0-400 or (1) 6-600	(2) 2-600	TMP3SB6R
800	65	Bottom	No	SKH800	Al/Cu (3) 3/0-500 ¹	(4) 250-500 ²	TMP3SB8R
1000	65	Bottom	No	SKH1200	Al: (4) 250-500 Cu: (4) 250-500 ¹	(4) 250-500 ²	TMP3SB10R
1200	65	Bottom	No	SKH1200	Al: (4) 250-500 Cu: (4) 250-500 ¹	(4) 250-500 ²	TMP3SB12R
1400	100	Bottom	No	RG	(4) 500-1000 kcmil	(4) 500-1000	TMP3BB14R ³
		Top					TMP3BT14R ³
1600	100	Bottom	No	RG	Al/Cu (4) 500-1000	Al/Cu (4) 500-1000	TMP3BB16R ³
			No	RG	Compression lugs	Compression lugs	TMP3BB16RCLL ³
			Yes	RG	Al/Cu (4) 500-1000	Al/Cu (4) 500-1000	TMP3BB16RST ³
		Top	No				TMP3BT16R ³
			Yes				TMP3BT16RST ³
2000	100	Top	No	RG	(6) #2 – 600 kcmil	(6) #2–600 kcmil	TMP3BT20R ³
		Bottom					TMP3BB20R ³
		Bottom	Yes	RG	Compression lugs	Compression lugs	TMP3BB20RCLL ³
		Bottom					TMP3BB20RST ³
		Bottom					

Main breaker module, three-phase, 4 wire 208Y/120 Vac or three-phase, 4 wire, 120/240V delta hi-leg with arc reduction means⁴

Main ampere rating	Interrupting current rating (kAIC)	Feed location	110-240 Vac shunt trip	Description	Main wire size AWG/kcmil Cu/Al - phase	Main wire size AWG/kcmil Cu/Al - phase	Ordering code
400A to less than 1200A	–	Top or Bottom	No	–	–	–	Use standard product number. Code effects only 1200A and greater
1200A	100	Bottom	No	1200A 3Ph main breaker bottom feed - arc reduction	(4) 500-1000	(4) 500-1000	TMP3BB12RAR
			Yes				TMP3BB12RARST
		Top	No	1200A 3Ph main breaker top feed - arc reduction			TMP3BT12RAR
			Yes				TMP3BT12RARST
1400A	100	Bottom	No	1400A 3Ph main breaker bottom feed - arc reduction	(4) 500-1000	(4) 500-1000	TMP3BB14RAR
			Yes				TMP3BB14RARST
		Top	No	1400A 3Ph main breaker top feed - arc reduction			TMP3BT14RAR
1600A	100	Bottom	No	1600A 3Ph main breaker bottom feed - arc reduction	(4) 500-1000	(4) 500-1000	TMP3BB16RAR
			Yes				TMP3BB16RARST
		Top	No	1600A 3Ph main breaker top feed - arc reduction			TMP3BT16RAR
2000A	100	Bottom	No	2000A 3Ph main breaker bottom feed - arc reduction	(6) #2-600	(6) #2-600	TMP3BB20RAR
			Yes				TMP3BB20RARST
		Top	No	2000A 3Ph main breaker top feed - arc reduction			TMP3BT20RAR

¹Optional lug TCAL124 field installed wire range (3) 300-750 kcmil.

²Optional neutral lug field installed wire range (3) 1/0-750 kcmil. Lug kit product number TMPL750.

³Fixed rating plug not field adjustable.

⁴The main breaker in this section has an arc reduction means that satisfies the requirement of NEC 2014 Section 240.87

Meter Mod III

Main breaker module with integral pull box single-phase- EUSERC unit

	Interrupting current rating (kAIC)					
Main ampere rating		Feed location	Main frame type	Line/main lug size	Line/main neutral size	Ordering code
400	65	Top / bottom	KD	Landing pads only ¹	Landing pads only ¹	TMPBU4R ²
600			LD			TMPBU6R ²
800			MDL			TMPBU8R ²
1000			NGS			TMPBU10R ²
1200						TMPBU12R ²

Main breaker module with integral pull box three-phase- EUSERC unit

	Interrupting current rating (kAIC)					
Main ampere rating		Feed location	Main frame type	Line/main lug size	Line/main neutral size	Ordering code
400	65	Top / bottom	KD	Landing pads only ¹	Landing pads only ¹	TMP3BU4R ²
600			LD			TMP3BU6R ²
800			MDL			TMP3BU8R ²
1000			NGS			TMP3BU10R ²
1200						TMP3BU12R ²

Note: For EUSERC applications please check with local utility requirements to make sure the pull box meets their dimensional requirements. Some applications may require you to use a Commercial Metering Switchboard.

¹Landing pads with 1/2" bolts per EUSERC drawing number 347 provided.

Contractor will need to supply crimp/compression lugs.

²Fixed rating plug not field adjustable.

Meter Mod III

Main fusible switch module, single-phase, 3 wire 120/240 Vac

Main ampere rating	Interrupting current rating (kAIC)	Wire entry	Main wire size AWG/kcmil Cu/Al -phase	Main wire size AWG/kcmil Cu/Al - neutral	Stud sets per phase and neutral	Fuse not included. Order separately.	Compression lug landing kit	Ordering code
400	100	Top	(1) 1/0-750 or (2) 1/0-300	(1) 1/0-750 or (2) 1/0-300	1	Class T only	Order separately	TMPFT4R
600			(2) 2-600	(2) 2-600				TMPFT6R
800			(4) 3/0-750	(4) 3/0-750				TMPFT8R
1200			(4) 2-500	(4) 2-500	–	Class L only. Bolted pressure switch	–	TMPFT12R
400	100	Bottom	(1) 1/0-750 or (2) 1/0-300	(1) 1/0-750 or (2) 1/0-300	1	Class T only	Order separately	TMPFB4R
600			(2) 2-600	(2) 2-600				TMPFB6R
800			(4) 3/0-750	(4) 3/0-750				TMPFB8R
1200	100	Bottom	(4) 2-500	(4) 2-500	–	see footnote 1	–	TMPFB12RT ¹
						see footnote 2		TMPFB12R ²

Main fusible switch module, three-phase, 4 wire 208Y/120 Vac

Main ampere rating	Interrupting current rating (kAIC)	Wire entry	Main wire size AWG/kcmil Cu/Al -phase	Main wire size AWG/kcmil Cu/Al - neutral	Stud sets per phase and neutral	Fuse not included. Order separately.	Compression lug landing kit	Ordering code
400	100	Top	(1) 1/0-750 or (2) 1/0-300	(1) 1/0-750 or (2) 1/0-300	1	Class T only	TMP3F8CLL1 Order separately	TMP3FT4R
600			(2) 2-600	(2) 2-600				TMP3FT6R
800			(4) 3/0-750	(4) 3/0-750				TMP3FT8R
1200			(4) 4-600	(4) 4-600	–	Class L only. Bolted pressure switch	–	TMP3FT12R
1600			(6) 4-600	(6) 4-600	–		–	TMP3FT16R
2000			(8) 4-600	(8) 4-600	–		–	TMP3FT20R
400	100	Bottom	(1) 1/0-750 or (2) 1/0-300	(1) 1/0-750 or (2) 1/0-300	1	Class T only	TMP3F8CLL1 Order separately	TMP3FB4R
600			(2) 2-600	(2) 2-600				TMP3FB6R
800			(4) 3/0-750	(4) 3/0-750				TMP3FB8R
1200			(4) 4-600	(4) 4-600	–	See footnote 4	–	TMP3FB12R ⁴
1200			(4) 2-600	(4) 2-600	–	See footnote 3	–	TMP3FB12RT ³
1600			(6) 4-600	(6) 4-600	–	Class L only. Bolted pressure switch	–	TMP3FB16R
1600			(6) 4-600	(6) 4-600	–		–	TMP3FB16RST ⁵
2000			(8) 4-600	(8) 4-600	–		–	TMP3FB20R
2000			(8) 4-600	(8) 4-600	–		–	TMP3FB20RST ⁵

¹TMPFB12RT is a standard fusible switch that uses only Class T fuses. This unit is less robust and smaller than the TMPFB12R, but is significantly less expensive.

²TMP3FB12R is a bolted pressure switch that uses only Class L fuses. This unit is larger and more robust than the TMP3FB12RT, but more expensive.

³TMP3FB12RT is a standard fusible switch that uses only Class T fuses. This unit is less robust and smaller than the TMP3FB12R, but is significantly less expensive.

⁴TMP3FB12R is a bolted pressure switch that uses only Class L fuses. This unit is larger and more robust than the TMP3FB12RT, but more expensive.

⁵Product numbers ending in “ST” have shunt tripping style bolted pressure switch.

Meter Mod III

Main fusible switch module with integral pull box (single-phase and three-phase) - EUSERC unit

Main ampere rating	Interrupting current rating (kAIC)	Wire entry	Mounting	Main wire size AWG/kcmil Cu/Al - phase	Main wire size AWG/kcmil Cu/Al - neutral	Compression lug landing kit	Ordering code	
							Single-phase, 3 wire 120/240 Vac	Three-phase, 4 wire / single-phase, 3 wire 120/240 Vac, 208Y120 Vac, 240/120 Vac 120/240 Vac
400	100	Bottom	End or center	Compression lug landing kit included (NEMA 2-hole spacing)	Compression lug landing kit included (NEMA 2-hole spacing)	Included	TMPFB4RCLL	TMP3FB4RCLL
600							TMPFB6RCLL	TMP3FB6RCLL
800							TMPFB8RCLL	TMP3FB8RCLL
1200							TMPFB12RCLLT ¹	TMP3FB12RCLLT

¹Center-feed only for single-phase meter modules with 800A horizontal bus rating.

Main fusible switch modules—fuses and compression lugs

Class T fuses rated at 200K @ 240V

Frame size	Ampere rating	Ordering code
400	250	TFUSE250
	300	TFUSE300
	250	TFUSE350
	400	TFUSE400
600	500	TFUSE500
	600	TFUSE600
800	800	TFUSE800
1200	1200	A3T1200

Class L fuses rated at 200K @ 240V

Ampere Rating	Ordering code
600	A4BY600
650	A4BY650
700	A4BY700
750	A4BY750
800	A4BY800
900	A4BY900
1000	A4BY1000
1100	A4BY1100
1200	A4BY1200
1350	A4BY1350
1400	A4BY1400
1500	A4BY1500
1600	A4BY1600
1800	A4BY1800
2000	A4BY2000

Meter Mod III



Main lug module, single-phase, 3 wire 120/240 Vac - lugs included

Main ampere rating	Interrupting ¹ current rating (kAIC)	Wire entry	Mounting	Main wire size AWG/kcmil Cu/Al - phase	Main wire size AWG/kcmil Cu/Al - neutral	Stud sets per phase and neutral	Compression lug landing kit	Ordering code
400	–	Bottom/ Top	End or center	–	–	–	–	Use 3-phase
600	–			–	–	–	–	Use 3-phase
800	100			(2) 1/0-750 or (4) 1/0-300	(2) 1/0-750 or (4) 1/0-300	2	Order separately	TMPL8R
1200				(3) 1/0-750 or (6) 1/0-300	(3) 1/0-750 or (6) 1/0-300	3		TMPL12R
1600				(6) 250-500	(6) 250-500	3		TMPL16R
2000	100	Bottom/ Top	End or center	(8) 1/0-750	(8) 1/0-750	3		TMPL20R
2000	100	Bottom/ Top	End or center	(8) 1/0-750	(8) 1/0-750	3		TMPL20RCRIS

Main lug module, three-phase, 4 wire 208Y/120 Vac - lugs included

Main ampere rating	Interrupting ¹ current rating (kAIC)	Wire entry	Mounting	Main wire size AWG/kcmil Cu/Al - phase	Main wire size AWG/kcmil Cu/Al - neutral	Stud sets per phase and neutral	Compression lug landing kit	Ordering code
400	100	Bottom/ Top	End or center	(1) 6-600 or (2) 1/0-250	(1) 6-600 or (2) 1/0-250	1	Order separately	TMP3L4R
600				(2) 250-500	(2) 250-500	1		TMP3L4RCU ²
800				(2) 1/0-750 or (4) 1/0-300	(2) 1/0-750 or (4) 1/0-300	2		TMP3L6R
1200				(3) 1/0-750 or (6) 1/0-300	(3) 1/0-750 or (6) 1/0-300	2		TMP3L6RCU ²
1600				(6) 250-500	(6) 250-500	2		TMP3L8R
2000				(8) 1/0 - 750	(8) 1/0 - 750	2		TMP3L8RCU ²
								TMP3L12R
								TMP3L16R
								TMP3L20R

Main lug with feed through, three phase, four wire / single phase, three wire 120/240 Vac, 208Y/120 Vac

Main ampere rating	Interrupting ¹ current rating (kAIC)	Incoming line	Outgoing load	Stud sets per phase and neutral	Compression lug landing kit	Ordering code
1200	100	(5) Up to 750 MCM per phase/neutral (AL/CU)	(5) Up to 750 MCM per phase/neutral (AL/CU)	2	–	TMP3L12RCRIS
1600				2	–	TMP3L16RCRIS
2000		(8) 1/0 - 750 MCM per phase/neutral (AL/CU)	(8) 1/0 - 750 MCM per phase/neutral (AL/CU)	2	–	TMP3L20RCRIS

¹Limited to the lowest marked short circuit rating of the main and meter modules used.

²Copper bussed – CON ED Approved.

Meter Mod III



—
TMPU4R



—
TMP3U4R

Main pull box module, single-phase, 3 wire 120/240 Vac

Main ampere rating	Interrupting ¹ current rating (kAIC)	Wire entry	Mounting	Main wire size AWG/kcmil Cu/Al - phase	Main wire size AWG/kcmil Cu/Al - neutral	Stud sets per phase and neutral	Compression lug landing kit	Ordering code
400	100	Bottom/ Top	End	(1) 1/0-750 or (2) 1/0-300 (load)	(1) 1/0-750 or (2) 1/0-300 (load)	1	Included	TMPU4R
800				(2) 1/0-750 or (4) 1/0-300 (load)	(2) 1/0-750 or (4) 1/0-300 (load)	2		TMPU8R
1200				(4) 2-600 load	(4) 2-600 load	3		TMPU12R

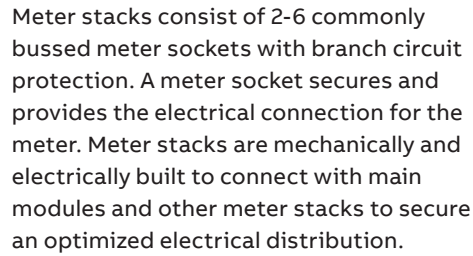
Main pull box module, three-phase, 4 wire 208Y/120 Vac

Main ampere rating	Interrupting ¹ current rating (kAIC)	Wire entry	Mounting	Main wire size AWG/kcmil Cu/Al - phase	Main wire size AWG/kcmil Cu/Al - neutral	Stud sets per phase and neutral	Compression lug landing kit	Ordering code
400	100	Bottom/ Top	End	(1) 1/0-750 or (2) 1/0-300 (load)	(1) 1/0-750 or (2) 1/0-300 (load)	1	Included	TMP3U4R
800				(2) 1/0-750 or (4) 1/0-300 (load)	(2) 1/0-750 or (4) 1/0-300 (load)	2		TMP3U8R
1200				(4) 2-600 load	(4) 2-600 load	3		TMP3U12R

¹Limited to the lowest marked short circuit rating of the main and meter modules used.

Meter stack modules—residential

Product overview



- All enclosures are NEMA 3R indoor/outdoor construction
- Ring-type and ringless socket designs
- Ring-type meter stacks supplied with 4-jaw meter sockets (5th jaw kit available)
- 1PH ringless meter sockets supplied with 5-jaw meter sockets and available with factory-installed horn or lever bypass
- 3PH ringless meter sockets supplied with 7-jaw meter sockets and have lever bypass factory installed

	T	MP	3	8	8	20	T	R	F
ABB identification									Special
									F = MEG Approved
									HB = Horned Bypass (Ringless only)
									AB = Factory Installed AB Phased (CONED)
									AC = Factory Installed AC Phased (CONED)
									BC = Factory Installed BC Phased (CONED)
Type									
MP = Meter Mod ring type									
MPR = Meter Mod ringless									
MPK = Meter Mod K-base socket									
Insert for 3-Phase									
									Enclosures
									R = Type 3R rainproof outdoor
									Blank = Type N1 indoor
Horizontal bus rating									
8 = 800A									
12 = 1200A									
Socket positions									
1-6									
									Socket Rating
									12 = 125A
									20 = 200A
									22 = 225A
									40 = 400A
									Insert for tenant breaker

Meter Mod III

Single phase 800A horizontal bussing 125 & 200A sockets

Socket amps	No. of sockets	Ordering code		
		Ring type socket (4 jaw socket standard)	Ringless type socket (5th jaw socket standard)	Ringless type socket (5th jaw socket standard) horned bypass factory installed
125	2	TMP8212R ¹	TMPR8212R	TMPR8212RHB
	3	TMP8312R ¹	TMPR8312R	TMPR8312RHB
	4	TMP8412R ¹	TMPR8412R	TMPR8412RHB
	5	TMP8512R ¹	TMPR8512R	TMPR8512RHB
	6	TMP8612R ¹	TMPR8612R	TMPR8612RHB
200	2	TMP8220R ¹	TMPR8220R	TMPR8220RHB
	3	TMP8320R ¹	TMPR8320R	TMPR8320RHB
	4	TMP8420R ¹	TMPR8420R	TMPR8420RHB
	5	TMP8520R ¹	TMPR8520R	TMPR8520RHB
	5	TMP8520RBUS ^{1,2}	TMPR8520RBUS ²	—

Single phase 800A horizontal bussing 125 & 200A sockets - CON ED approved

Socket amps	No. of sockets	Factory phase balancing	Ordering code	
			Ring type socket factory phase balanced with copper bus (4 jaw socket standard)	
			NEMA 1 indoor enclosure	NEMA 3R outdoor enclosure
125	2	AB	TMP8212AB	TMP8212RAB
		AC	TMP8212AC	TMP8212RAC
		BC	TMP8212BC	TMP8212RBC
	3	AB	TMP8312AB	TMP8312RAB
		AC	TMP8312AC	TMP8312RAC
		BC	TMP8312BC	TMP8312RBC
	4	AB	TMP8412AB	TMP8412RAB
		AC	TMP8412AC	TMP8412RAC
		BC	TMP8412BC	TMP8412RBC
	5	AB	TMP8512AB	TMP8512RAB
		AC	TMP8512AC	TMP8512RAC
		BC	TMP8512BC	TMP8512RBC

Single phase 1200A horizontal bussing 125 & 200A sockets

Socket amps	No. of sockets	Ordering code		
		Ring type socket (4 jaw socket standard)	Ringless type socket (5th jaw socket standard)	Ringless type socket (5th jaw socket standard) horned bypass factory installed
125	2	TMP12212R ¹	TMPR12212R	TMPR12212RHB
	3	TMP12312R ¹	TMPR12312R	TMPR12312RHB
	4	TMP12412R ¹	TMPR12412R	TMPR12412RHB
	5	TMP12512R ¹	TMPR12512R	TMPR12512RHB
	6	TMP12612R ¹	TMPR12612R	TMPR12612RHB
200	2	TMP12220R ¹	TMPR12220R	TMPR12220RHB
	3	TMP12320R ¹	TMPR12320R	TMPR12320RHB
	4	TMP12420R ¹	TMPR12420R	TMPR12420RHB
	5	TMP12520R ¹	TMPR12520R	TMPR12520RHB
	5	TMP12520RBUS ^{1,2}	TMPR12520RBUS ²	TMPR12520RHBUS ²

¹One snap-type, aluminum sealing ring (TSR5) per socket included

²BUS suffix indicates change to centerline of horizontal bussing from 28.88" to 41.01" from bottom of unit

Meter Mod III

Single phase 800A horizontal bussing 125 & 200A sockets—MEG approved

Socket amps	No. of sockets	Ordering code		
		Ring type socket (4 jaw socket standard)	Ringless type socket (5th jaw socket standard)	Ringless type socket (5th jaw socket standard) horned bypass factory installed
125	2	TMP8212RF ¹	TMPR8212RF	TMPR8212RHBF
	3	TMP8312RF ¹	TMPR8312RF	TMPR8312RHBF
	4	TMP8412RF ¹	TMPR8412RF	TMPR8412RHBF
	5	TMP8512RF ¹	TMPR8512RF	TMPR8512RF + TMPBPH20A
	6	TMP8612RF ¹	TMPR8612RF	TMPR8612RF
200	2	Use TMP8320RF with bottom blank (TMCB12B)	TMPR8220RF	TMPR8220RF + TMPBPH20A
	3	TMP8320RF ¹	TMPR8320RF	TMPR8320RF + TMPBPH20A
	4	TMP8420RF ¹	TMPR8420RF	TMPR8420RHBF
	5	If allowed, use Ringless TMPR8520RF	TMPR8520RF	TMPR8520RF + TMPBPH20A

Single phase 1200A horizontal bussing 125 & 200A sockets—MEG approved

Socket amps	No. of sockets	Ordering code		
		Ring type socket (4 jaw socket standard)	Ringless type socket (5th jaw socket standard)	Ringless type socket (5th jaw socket standard) horned bypass factory installed
125	4	Use TMP12420RF	TMPR12412RF	TMPR12412RHBF
	5	If allowed, use Ringless TMPR12512RF	TMPR12512RF	TMPR12512RHBF
	6	If allowed, use Ringless TMPR12612RF	TMPR12612RF	Use TMPR12612RF + TMPBPH20A
200	4	TMP12420RF ¹	TMPR12420RF	TMPR12420RHBF
	5	If allowed, use Ringless TMPR12520RF	TMPR12520RF	Use TMPR12520RF + TMPBPH20A

Note: These MEG approved units have an added cotter pin that eliminates failure of the metering stabs when the meter is plugged into the meter base.

¹One snap-type, aluminum sealing ring (TSR5) per socket included



Meter Mod III

Meter stack modules—commercial
Product overview



The 5-Jaw and 7-jaw meter sockets include a built-in lever bypass and jaw release. The ground wire is factory connected.

- Features**
- Indoor/outdoor construction for use any of our meter modules for NEMA 1 or NEMA 3R applications.
 - All modules accept 15-225A bolt-on breakers up to 100K interrupting rating.
 - The unmetered vertical bus is enclosed to guard against power theft.
 - Neutral assembly permits convenient termination of the neutral conductors.
 - Front accessible bolts
 - Enclosed horizontal bus
 - Factory installed equipment ground bars on top and bottom gutters
 - Removable top cap; knockouts in back and bottom

Ordering code construction - commercial

T

MP

3

8

8

20

T

R

F

ABB identification

Type

MP = Meter Mod ring type

MPR = Meter Mod ringless

MPK = Meter Mod K-base socket

Insert for 3-Phase

Horizontal bus rating

8 = 800A

12 = 1200A

Socket positions

1-6

Special

F = MEG Approved

HB = Horned Bypass (Ringless only)

AB = Factory Installed AB Phased (CONED)

AC = Factory Installed AC Phased (CONED)

BC = Factory Installed BC Phased (CONED)

Enclosures

R = Type 3R rainproof outdoor

Blank = Type N1 indoor

Insert for tenant breaker

Socket Rating

12 = 125A

20 = 200A

22 = 225A

40 = 400A

NOTE:

- Single-phase/3 wire 120/240 Vac or three-phase, 4 wire, horizontal bus, 208Y/120 Vac system voltage
- 1200 amp, 4 wire cross bus (aluminum)
- UL Listed
- Front accessible field phase balancing by meter socket
- (1) 14-2 equipment ground kit per socket, factory installed
- Only 225A and 400A ringless type meter stacks contain lever bypass
- 125A and 200A meter sockets do not contain lever bypass

Meter Mod III



Single-phase—225A/400A ringless sockets w/ lever bypass

Socket amps	No. of sockets	Factory installed fifth jaw (TM5JA bused)	Ordering code
225	1	Included	TMPR12122R
	2		TMPR12222R
	3		TMPR12322R
	4		TMPR12422R
400	1	—	TMPR12140RB ^{1,3}
	2		TMPR12240RB ^{2,3}
	1		TMPK12140RB
	1		TMPK12140RBA



Single-phase—200A ring sockets w/ test bypass kits –EUSERC⁴

Socket amps	No. of sockets	Factory installed fifth jaw (TM5JA bused)	Ordering code
200	1	Included	TMP8120RTAB ⁵
			TMP8120RTAC ⁵
			TMP8120RTBC ⁵
	2		TMP112220RTAB ⁵
			TMP112220RTAC ⁵
			TMP112220RTBC ⁵
	3		TMP112320RTAB ⁵
			TMP112320RTAC ⁵
			TMP112320RTBC ⁵



Three-phase, 225A/400A ringless type sockets with lever bypass

Socket amps	No. of sockets	Factory installed seventh jaw (7 terminal)	Ordering code
225	1	Included	TMPR312122R ⁶
	2		TMPR312222R ⁶
	3		TMPR312322R ⁶
	4		TMPR312422R ⁶
400	1	—	TMPR312140TR ^{6,8}
	1		TMPR312140RB ^{6,7}
	2		TMPR312240RB ^{6,2}
	1		TMPK312140RB
	1		TMPK312140RBA



Three-phase, 200A ring sockets w/ test bypass kits –EUSERC

Socket amps	No. of sockets	Factory installed seventh jaw (7 terminal)	Ordering code
200	1	Included	TMP38120RT ⁹
	2		TMP312220RT ⁹
	3		TMP312320RT ⁹

¹One 400A tenant main breaker included.

²Two 400A tenant breakers included.

³Main breaker modules alternate rating plugs table for alternate 400A rating plugs

⁴Meet EUSERC requirement

⁵Suffixes AB, BC, AC reflect the factory-set phase balancing.

⁶Shipped from the factory as 7-jaw units (7 terminal.)

⁷400 Amp tenant breaker included, 65 kAIC

⁸Requires two tenant main breakers, 400 amp maximum sum of branch ratings. Cannot be used to serve a single 400A load.

⁹Meets EUSERC requirements. "T" suffix indicates EUSERC test bypass kit included.

Mini Mod III

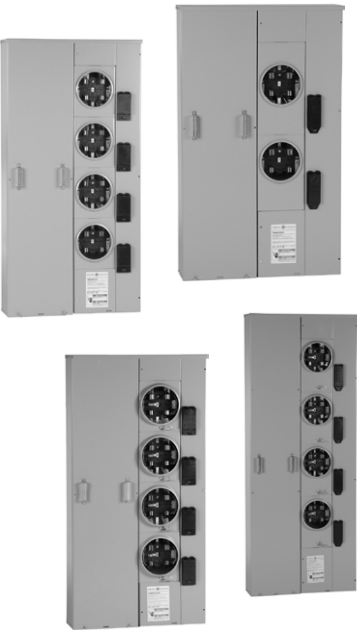
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Mini Mod III

Product overview



A cost-effective solution for multi-family units. This self-contained metering device consists of main lugs and two-to-six meter sockets in one enclosure.

Features

- UL Listed (Panelboards No. 67)
- Indoor/outdoor construction
- Ring-type and ringless meter sockets
- Bondable neutral, strap included
- 11-inch mounting Z rail included
- Swing away mounting feet factory installed
- Underground, incoming feed only

Ordering code construction

T		MM		6	6	20	R	F
ABB identification								Additional features
								F = MEG approval
Type								HB = Horned bypass (ringless only)
								Enclosures
								R = Type 3R rainproof
								Socket rating
								12 = 125A
Horizontal bus rating								20 = 200A
								Socket positions
								1-6

Mini Mod III



Single-phase ring type



Single-phase ringless

Ring-type socket (4 jaw socket standard)¹

Socket amps	No. of sockets	Main ampere rating	Main wire size AWG/kcmil Cu/Al - phase	Service ground	Equipment ground	Ordering code
125	2	200	(1) 6-300	6-2/0	14-4	TMM2212R ²
	3	400	(1) 6-600 or (2) 2/0-250	4-300		TMM4312R
	4	400				TMM4412R
	5	600	(2) 250-500			TMM6512R
	6	600				TMM6612R
200	2	400	(2) 250-500	6-2/0	14-4	TMM4220R
	3	600		4-300		TMM6320R
	4	600				TMM6420R
	5	600				TMM6520R
	6	600				TMM6620R

Ringless socket (5th jaw socket standard)

Socket amps	No. of sockets	Main ampere rating	Main wire size AWG/kcmil Cu/Al - phase	Service ground	Equipment ground	Ordering code	
							Horned bypass factory installed
125	2	200	(1) 6-300	6-2/0	14-4	TMMR2212R ²	TMMR2212RHB ²
	3	400	(1) 6-600 or	4-300		TMMR4312R	TMMR4312RHB
	4	400	(2) 2/0-250			TMMR4412R	TMMR4412RHB
	5	600	(2) 250-500			TMMR6512R	TMMR6512RHB
	6	600				TMMR6612R	TMMR6612RHB
200	2	400	(2) 250-500	6-2/0	14-4	TMMR4220R	TMMR4220RHB
	3	600		4-300		TMMR6320R	TMMR6320RHB
	4	600				TMMR6420R	TMMR6420RHB
	5	600				TMMR6520R	TMMR6520RHB
	6	600				TMMR6620R	TMMR6620RHB

¹One snap-type, aluminum sealing ring (TSR5) per socket included

²May be fed from overhead. Use hub TC300.

Mini Mod III

Ring-type socket, MEG approved, (4) jaw socket standard¹

Socket amps	No. of sockets	Main ampere rating	Main wire size AWG/kcmil Cu/Al - phase	Service ground	Equipment ground	Ordering code
						Ring-type socket ¹ (4 jaw socket standard)
125	2	200	(1) 6-300	6-2/0	14-4	TMM2212RF ²
	3	400	(1) 6-600 or (2) 2/0-250	4-300		TMM4312RF
	4	400				TMM4412RF
	5	600	(2) 250-500			TMM6512RF
	6	600				TMM6612RF
200	2	400	(2) 250-500	6-2/0	14-4	Use TMM6320R
	3	600		4-300		TMM6320RF
	4	600				TMM6420RF
	5	600				Use Ringless or Meter Mod III
	6	600				Use Ringless or Meter Mod III

Ringless socket, MEG approved, 5th jaw socket standard

Socket amps	No. of sockets	Main ampere rating	Main wire size AWG/kcmil Cu/Al - phase	Service ground	Equipment ground	Ordering code
						Ringless socket (5th jaw socket standard)
125	2	200	(1) 6-300	6-2/0	14-4	TMMR2212RF ²
	3	400	(1) 6-600 or (2) 2/0-250	4-300		TMMR4312RF
	4	400				TMMR4412RF
	5	600	(2) 250-500			TMMR6512RF
	6	600				TMMR6612RF
200	2	400	(2) 250-500	6-2/0	14-4	TMMR4220RF
	3	600		4-300		TMMR6320RF
	4	600				TMMR6420RF
	5	600				TMMR6520RF
	6	600				TMMR6620RF

Note: These MEG approved units have an added cotter pin that eliminates failure of the metering stabs when the meter is plugged into the meter base.

¹One snap-type, aluminum sealing ring (TSR5) per socket included.

²May be fed from overhead. Use hub TC300.



Modular metering circuit breakers

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Modular metering circuit breakers



THQL, THHQL



TMQL



TQD, THQD

Tenant main breakers for 125A, 2 pole sockets

Amps	Interrupting current rating (kAIC)	Wire size	Ordering code
60	10	(1) #8-#3 CU; #8-#3AL	THQL2160
	22	(1) #8-#3 CU; #8-#3AL	THHQL2160
	42	#8-#1 (Cu) or #8-1/0 (Al)	TMQL2160
	65	#8-2/0	TMQA2160
70	10	(1) #6-1/0 CU; #4-#1/0 AL	THQL2170
	22	(1) #6-1/0 CU; #4-#1/0 AL	THHQL2170
	42	#8-#1 (Cu) or #8-1/0 (Al)	TMQL2170
	65	#8-2/0	TMQA2170
80	10	(1) #6-1/0 CU; #4-#1/0 AL	THQL2180
	22	(1) #6-1/0 CU; #4-#1/0 AL	THHQL2180
	42	#8-#1 (Cu) or #8-1/0 (Al)	TMQL2180
	65	#8-2/0	TMQA2180
90	10	(1) #6-1/0 CU; #4-#1/0 AL	THQL2190
	22	(1) #6-1/0 CU; #4-#1/0 AL	THHQL2190
	42	#8-#1 (Cu) or #8-1/0 (Al)	TMQL2190
	65	#8-2/0	TMQA2190
100	10	(1) #6-1/0 CU; #4-#1/0 AL	THQL21100
	22	(1) #6-1/0 CU; #4-#1/0 AL	THHQL21100
	42	#8-#1 (Cu) or #8-1/0 (Al)	TMQL21100
	65	#8-2/0	TMQA2100
110	10	—	THQL21110
	22	—	THHQL21110
	42	—	—
	65	#8-2/0	TMQA2110
125	10	(1) #2-2/0 CU; #2-2/0 AL	THQL21125
	10	—	TMQL21125SF ¹
	22	(1) #2-2/0 CU; #2-2/0 AL	THHQL21125
	42	2/0 - #14	TMQL21125
	65	#8-2/0	TMQA2125

Tenant main breakers for 200A, 2 pole sockets

Amps	Interrupting current rating (kAIC)	Wire size	Ordering code
60	42	#6-4/0 ²	TMQC22060MM
	65	#6-4/0 ²	TMQF22060MM
70	100	#6-4/0 ²	TMQV22060MM
	42	#6-4/0 ²	TMQC22070MM
80	65	#6-4/0 ²	TMQF22070MM
	100	#6-4/0 ²	TMQV22070MM
90	42	#6-4/0 ²	TMQC22080MM
	65	#6-4/0 ²	TMQF22080MM
100	100	#6-4/0 ²	TMQV22080MM
	42	#6-4/0 ²	TMQC22090MM
110	65	#6-4/0 ²	TMQF22090MM
	100	#6-4/0 ²	TMQV22090MM
125	10	(1) #1-300 CU; #1-300 AL	TQD22100
	22	(1) #1-300 CU; #1-300 AL	THQD22100
	42	#6-4/0 ²	TMQC22100MM
	65	#6-4/0 ²	TMQF22100MM
	100	#6-4/0 ²	TMQV22100MM
150	10	(1) #1-300 CU; #1-300 AL	TQD22125
	22	(1) #1-300 CU; #1-300 AL	THQD22125
	42	#6-4/0 ²	TMQC22125MM
	65	#6-4/0 ²	TMQF22125MM
	100	#6-4/0 ²	TMQV22125MM
175	10	(1) #1-300 CU; #1-300 AL	TQD22150
	22	(1) #1-300 CU; #1-300 AL	See TMQC Frame
	42	#6-4/0 ²	TMQC22150MM
	65	#6-4/0 ²	TMQF22150MM
	100	#6-4/0 ²	TMQV22150MM
200	10	(1) #1-300 CU; #1-300 AL	TQD22175
	22	(1) #1-300 CU; #1-300 AL	THQD22175
	42	#6-4/0 ²	TMQC22175MM
	65	#6-4/0 ²	TMQF22175MM
	100	#6-4/0 ²	TMQV22175MM
200	10	(1) #1-300 CU; #1-300 AL	See TMQC Frame
	42	#6-4/0 ²	TMQC22000MM
	65	#6-4/0 ²	TMQF22000MM
	100	#6-4/0 ²	TMQV22000MM

¹Sub-Feed lug. No overcurrent protection.

²For 60A-200A 2P breakers use TMQV225L2 to get 300MCM terminals.

Modular metering circuit breakers

Tenant main circuit breakers for 225A, 2 pole sockets

Amps	Interrupting current rating (kAIC)	Wire size	Ordering code
15	10	(1) #14-3 CU; #12-1 AL	TEB122015
20	10	(1) #14-3 CU; #12-1 AL	TEB122020
25	10	(1) #14-3 CU; #12-1 AL	TEB122025
30	10	(1) #14-3 CU; #12-1 AL	TEB122030
35	10	(1) #14-3 CU; #12-1 AL	TEB122035
40	10	(1) #14-3 CU; #12-1 AL	TEB122040
45	10	(1) #14-3 CU; #12-1 AL	TEB122045
50	10	(1) #14-3 CU; #12-1 AL	TEB122050
60	10	(1) #14-3 CU; #12-1 AL	TEB122060
70	10	(1) #6/20 CU; #4-2/0 AL	TEB122070
80	10	(1) #6/20 CU; #4-2/0 AL	TEB122080
90	10	(1) #6/20 CU; #4-2/0 AL	TEB122090
100	10	(1) #1-300 CU; #1-300 AL	TQD22100
	22	(1) #1-300 CU; #1-300 AL	THQD22100
125	10	(1) #1-300 CU; #1-300 AL	TQD22125
	22	(1) #1-300 CU; #1-300 AL	THQD22125
150	10	(1) #1-300 CU; #1-300 AL	See TMQC Frame
	22	(1) #1-300 CU; #1-300 AL	See TMQC Frame
175	10	(1) #1-300 CU; #1-300 AL	TQD22175
	22	(1) #1-300 CU; #1-300 AL	See TMQC Frame
200	10	(1) #1-300 CU; #1-300 AL	See TMQC Frame
225	10	(1) #1-300 CU; #1-300 AL	Use TMQV
	22	(1) #1-300 CU; #1-300 AL	Use TMQV

Tenant main circuit breakers for 200A/225A, 2 pole sockets

Amps	Interrupting current rating (kAIC)	Wire size ¹	Ordering code
60	42	#6-4/0	TMQC22060MM
	65	#6-4/0	TMQF22060MM
	100	#6-4/0	TMQV22060MM
70	42	#6-4/0	TMQC22070MM
	65	#6-4/0	TMQF22070MM
	100	#6-4/0	TMQV22070MM
80	42	#6-4/0	TMQC22080MM
	65	#6-4/0	TMQF22080MM
	100	#6-4/0	TMQV22080MM
90	42	#6-4/0	TMQC22090MM
	65	#6-4/0	TMQF22090MM
	100	#6-4/0	TMQV22090MM
100	42	#6-4/0	TMQC22100MM
	65	#6-4/0	TMQF22100MM
	100	#6-4/0	TMQV22100MM
110	42	#6-4/0	TMQC22110MM
	65	#6-4/0	TMQF22110MM
	100	#6-4/0	TMQV22110MM
125	42	#6-4/0	TMQC22125MM
	65	#6-4/0	TMQF22125MM
	100	#6-4/0	TMQV22125MM
150	42	#6-4/0	TMQC22150MM
	65	#6-4/0	TMQF22150MM
	100	#6-4/0	TMQV22150MM
175	42	#6-4/0	TMQC22175MM
	65	#6-4/0	TMQF22175MM
	100	#6-4/0	TMQV22175MM
200	42	#6-4/0	TMQC22200MM
	65	#6-4/0	TMQF22200MM
	100	#6-4/0	TMQV22200MM
225	42	#6-4/0	TMQC22225MM
	65	#6-4/0	TMQF22225MM
	100	#6-4/0	TMQV22225MM

¹For 60A-200A 2P breakers use TMQV225L2 to get 300MCM terminals.

Modular metering circuit breakers

Tenant main breakers for 200A/225A, 3 pole sockets

Amps	Interrupting current rating (kAIC)	Wire size	Ordering code
15	10	(1) #14-3 CU; #12-1 AL	TEB132015
20	10	(1) #14-3 CU; #12-1 AL	TEB132020
25	10	(1) #14-3 CU; #12-1 AL	TEB132025
30	10	(1) #14-3 CU; #12-1 AL	TEB132030
35	10	(1) #14-3 CU; #12-1 AL	TEB132035
40	10	(1) #14-3 CU; #12-1 AL	TEB132040
45	10	(1) #14-3 CU; #12-1 AL	TEB132045
50	10	(1) #14-3 CU; #12-1 AL	TEB132050
60	10	(1) #14-3 CU; #12-1 AL	TEB132060
	42	#6-4/0 ¹	TMQC32060
	65	#6-4/0 ¹	TMQF32060
	100	#6-4/0 ¹	TMQV32060
70	10	(1) #6/20 CU; #4-2/0 AL	TEB132070
	42	#6-4/0 ¹	TMQC32070
	65	#6-4/0 ¹	TMQF32070
	100	#6-4/0 ¹	TMQV32070
80	10	(1) #6/20 CU; #4-2/0 AL	TEB132080
	42	#6-4/0 ¹	TMQC32080
	65	#6-4/0 ¹	TMQF32080
	100	#6-4/0 ¹	TMQV32080
90	10	(1) #6/20 CU; #4-2/0 AL	TEB132090
	42	#6-4/0 ¹	TMQC32090
	65	#6-4/0 ¹	TMQF32090
	100	#6-4/0 ¹	TMQV32090
100	10	(1) #3-3/0 CU; #1-3/0 AL	TEB132100
	22	(1) #1-300 CU; #1-300 AL	THQD32100
	42	#6-4/0 ¹	TMQC32100
	65	#6-4/0 ¹	TMQF32100
	100	#6-4/0 ¹	TMQV32100
110	42	#6-4/0 ¹	TMQC32110
	65	#6-4/0 ¹	TMQF32110
	100	#6-4/0 ¹	TMQV32110
125	10	(1) #1-300 CU; #1-300 AL	TQD32125
	22	(1) #1-300 CU; #1-300 AL	THQD32125
	42	#6-4/0 ¹	TMQC32125
	65	#6-4/0 ¹	TMQF32125
	100	#6-4/0 ¹	TMQV32125
150	10	(1) #1-300 CU; #1-300 AL	TQD32150
	22	(1) #1-300 CU; #1-300 AL	THQD32150
	42	#6-4/0 ¹	TMQC32150
	65	#6-4/0 ¹	TMQF32150
	100	#6-4/0 ¹	TMQV32150
175	10	(1) #1-300 CU; #1-300 AL	TQD32175
	22	(1) #1-300 CU; #1-300 AL	THQD32175
	42	#6-4/0 ¹	TMQC32175
	65	#6-4/0 ¹	TMQF32175
	100	#6-4/0 ¹	TMQV32175
200	10	(1) #1-300 CU; #1-300 AL	TQD32200
	22	(1) #1-300 CU; #1-300 AL	THQD32200
	42	#6-4/0 ¹	TMQC32200
	65	#6-4/0 ¹	TMQF32200
	100	#6-4/0 ¹	TMQV32200
225	10	—	Use TMQC
	22	—	Use TMQC
	42	#6-4/0 ¹	TMQC32225
	65	#6-4/0 ¹	TMQF32225
	100	#6-4/0 ¹	TMQV32225

¹For 60A-200A 2P breakers use TMQV225L2 to get 300MCM terminals.



Modular metering factory installed accessories

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Modular metering factory installed accessories

Lug kits

Amp rating	Ring-type socket (4 jaw socket standard)	Ringless socket (5th jaw socket standard)	Mini Mod III	Phase wire size	Neutral wire size	Lugs per kit	Ordering code
			Ringless socket MEG approved (5th jaw socket standard)				
125	TMM2212R	TMMR2212R	TMMR2212RF	6-300	6-300	–	–
	TMM4312R	TMMR4312R	TMMR4312RF	(1) 2/0-600 or (2) 6-250	(1) 2/0-600 or (2) 6-250	1 lug/kit; 1 lug/phase; 2 hole lug	TMMLK1
	TMM4412R	TMMR4412R	TMMR4412RF				
	TMM6512R	TMMR6512R	TMMR6512RF	(2) 250-500/lug	(2) 250-500/lug	1 lug/kit; 1 lug/phase	TMPAL30
	TMM6612R	TMMR6612R	TMMR6612RF				
200	TMM4220R	TMMR4220R	TMMR4220RF	(2) 250-500/lug	(2) 250-500/lug	1 lug/kit; 1 lug/phase	TMPAL30
	TMM6320R	TMMR6320R	TMMR6320RF				
	TMM6420R	TMMR6420R	TMMR6420RF				
	TMM6520R	TMMR6520R	TMMR6520RF				
	TMM6620R	TMMR6620R	TMMR6620RF				

Optional lug kits and optional compression lug kits

Amp rating	Ring-type socket (4 jaw socket standard)	Ringless socket (5th jaw socket standard)	Mini Mod III	Phase wire size	Mechanical lug kit ordering code	Compression lug kit ordering code	Lugs per kit
			Ringless socket MEG approved (5th jaw socket standard)				
125	TMM4312R	TMMR4312R	TMMR4312RF	(3) 4-300	TMPAL40	TMM6CLL	2 studs/phase, double stack for up to 2 conductors per phase, kit includes 3 lug landing pads (1 kit/device)
				(2) 250-500 / lug	TMPAL30	–	
	TMM4412R	TMMR4412R	TMMR4412RF	(3) 4-300	TMPAL40	TMM6CLL	
				(2) 250-500 / lug	TMPAL30	–	
	TMM6512R	TMMR6512R	TMMR6512RF	(3) 4-300	TMPAL40	TMM6CLL	
				(1) 2/0-600 or (2) 6-250	TMMLK1	–	
	TMM6612R	TMMR6612R	TMMR6612RF	(3) 4-300	TMPAL40	TMM6CLL	
				(1) 2/0-600 or (2) 6-250	TMMLK1	–	
	TMM4220R	TMMR4220R	TMMR4220RF	(3) 4-300	TMPAL40	TMM6CLL	
				(1) 2/0-600 or (2) 6-250	TMMLK1	–	
200	TMM6320R	TMMR6320R	TMMR6320RF	(3) 4-300	TMPAL40	TMM6CLL	
				(1) 2/0-600 or (2) 6-250	TMMLK1	–	
	TMM6420R	TMMR6420R	TMMR6420RF	(3) 4-300	TMPAL40	TMM6CLL	
				(1) 2/0-600 or (2) 6-250	TMMLK1	–	
	TMM6520R	TMMR6520R	TMMR6520RF	(3) 4-300	TMPAL40	TMM6CLL	
				(1) 2/0-600 or (2) 6-250	TMMLK1	–	
	TMM6620R	TMMR6620R	TMMR6620RF	(3) 4-300	TMPAL40	TMM6CLL	
				(1) 2/0-600 or (2) 6-250	TMMLK1	–	
				(3) 4-300	TMPAL40	TMM6CLL	
				(1) 2/0-600 or (2) 6-250	TMMLK1	–	

Modular metering factory installed accessories

Factory installed lug kits

Amp rating	Main breaker	Phase wire size	Neutral wire size	Lugs per kit	Total lugs per device	Ordering code
400	TMP5B4R	AL/CU: (2) 2/0-500 or (1) 8-600	AL/CU: (2) 2-600	2	–	TCLK265
	TMP5HB4R			3		TCLK365
	TMP3SB4R					
	TMP3SHB4R					
600	TMP3SB6R	AL/CU: (2) 2/0-500 or (1) 8-600	AL/CU: (2) 2-600	3	–	TCLK365
800	TMP5B8R	AL/CU: (3) 3/0-500	AL/CU: (4) 250-500	1	–	TCAL81 ¹
	TMP3SB8R					
1000	TMP5B10R	AL: (4) 250-500	AL/CU: (4) 250-500	1	–	TCAL125 ²
	TMP3SB10R					
1200	TMP5B12R	AL: (4) 250-500	AL/CU: (4) 250-500	1	–	TCAL125 ²
	TMP3SB12R					
1400	TMPBB14R, TMPBB14RAR	AL/CU: (4) 500-1000	AL/CU: (4) 500-1000	1 lug/kit, 4 holes/lug	3	TMPL1600RD
	TMP3BB14R, TMP3BB14RAR				4	
	TMP3BT14R, TMP3BT14RAR					
1600	TMPBB16R, TMPBB16RAR	AL/CU: (4) 500-1000	AL/CU: (4) 500-1000	1 lug/kit, 4 holes/lug	3	TMPL1600RD
	TMPBB16RST					
	TMPBT16R, TMPBT16RAR					
	TMPBT16RST					
	TMP3BBT16RST					
	TMP3BB16R, TMP3BB16RAR					
	TMP3BT16R, TMP3BT16RAR					
	TMP3BT16RST					
2000	TMPBB20R, TMPBB20RAR	AL/CU: (6) #2-600	AL/CU: (6) #2-600	9	6 lugs/device; 3 lugs/neutral	TMPL2000RD
	TMPBT20R				9 lugs/device; 3 lugs/neutral	
	TMP3BB20R, TMP3BB20RAR					
	TMP3BT20R, TMP3BT20RAR					

Optional lug kit

Amp rating	Main breaker	Phase wire size	Phase ordering code	Lugs per kit	Neutral product number	Neutral wire size
1000	TMP5B10R	AL/CU: (3) 350-750	TCAL124 ³	2	1	–
	TMP3SB10R			3		
1200	TMP5B12R	AL/CU: (3) 350-750	TCAL124 ³	2	1	–
	TMP3SB12R			3		
1400	TMPBB14R	(6) #2-600	TMPL2000RD	9	TMBP2000N	(6) #2-600
	TMP3BB14R					
	TMP3BT14R					
1600	TMPBB16R	(6) #2-600	TMPL2000RD	9	TMBP2000N	(6) #2-600
	TMP3BB16R					
	TMPBB16RST					
	TMP3BB16RST					
	TMPBT16R					
	TMP3BT16R					
	TMPBT16RST					
	TMP3BT16RST					

¹Lug kits TCALK281 (for TMP5B8R) and TCALK381 (TMP3SB8R) can also be used instead of the TCAL81 lugs

²Lug kits TCALK2125 (for TMP5B10R and TMP5B12R) and TCALK3125 (for TMP3SB10R and TMP3SB12R) can also be used instead of TCAL125 lug

³Lug kits TCALK2124 (for TMP5B10R and TMP5B12R) and TCALK3124 (for TMP3SB10R and TMP3SB12R) can also be used instead of TCAL124 lugs

Modular metering factory installed accessories

Factory installed lug kits					
Amp rating	Main breaker	Ordering code	Phase wire size	Neutral wire size	Lugs per kit
400	TMPFB4R	-	Al/Cu: (1) 1/0-750 or (2) 1/0-300	Al/Cu: (1) 1/0-750 or (2) 1/0-300	-
	TMPFT4R				
	TMP3FB4R				
	TMP3FT4R				
400	TMPFB4RCLL	-	Accepts compression lugs, 1 landing/phase	-	-
	TMP3FB4RCLL				
600	TMPFB6R	-	Al/Cu: (2) 2-600	Al/Cu: (2) 2-600	-
	TMPFT6R				
	TMP3FB6R				
	TMP3FT6R				
600	TMPFB6RCLL	-	Accepts compression lugs, 2 landings/phase	-	-
	TMP3FB6RCLL				
800	TMPFB8R	TMPL40	Al/Cu: (4) 3/0-750	Al/Cu: (4) 3/0-750	1 lug/kit, 4 holes/lug
	TMPFT8R				
	TMP3FB8R				
	TMP3FT8R				
800	TMPFB8RCLL	-	Accepts compression lugs, 2 landings/phase	-	-
	TMP3FB8RCLL				
1200	TMPFB12R	-	Al/Cu: (4) 2-500	Al/Cu: (4) 2-500	-
	TMPFB12RT		Al/Cu: (4) 2-600, 2 lugs/phase	Al/Cu: (4) 2-600	
	TMPFT12R		Al/Cu: (4) 2-600	Al/Cu: (4) 2-500	
	TMP3FB12R		Al/Cu: (8) 2-600 (4 lugs, 2 holes/lug)	-	
	TMP3FB12RT		Al/Cu: (4) 2-600, 2 lugs/phase	Al/Cu: (4) 2-600	
	TMP3FT12R				
	TMPFB12RCLL		Accepts compression lugs, 3 landings/phase	-	
	TMP3FB12RCLL				
1600	TMP3FB16R	-	Al/Cu: (8) 2-600	Al/Cu: (8) 2-600	-
	TMP3FB16RST		Al/Cu: (8) 2-600	Al/Cu: (8) 2-600	
	TMP3FT16R		Al/Cu: (5) 4-600	Al/Cu: (5) 4-600	
2000	TMP3FB20R	-	Al/Cu: (8) 2-600	Al/Cu: (8) 2-600	-
	TMP3FB20RST		Al/Cu: (8) 2-600	Al/Cu: (8) 2-600	
	TMP3FT20R		Al/Cu: (6) 4-600	Al/Cu: (6) 4-600	

Optional lug kit					
Amp rating	Main breaker	Ordering code	Phase wire size	Lugs per kit	Neutral ordering code
400	TMPFT4R	TMPL40	Al/Cu: (4) 3/0-750; 4 cables/lug	TMP3F8CLL1	Compression
	TMP3FT4R				
	TMPFB4R				
	TMP3FB4R				
600	TMPFB6R	TMPL40	Al/Cu: (4) 3/0-750; 4 cables/lug	TMP3F8CLL1	Compression
	TMPFT6R				
	TMP3FB6R				
	TMP3FT6R				
800	TMPFB8R	-	-	TMP3F8CLL1	Compression
	TMPFT8R				
	TMP3FB8R				
	TMP3FT8R				

Modular metering factory installed accessories

Factory installed lug kits

Amp rating	Main lug (terminal box)	Phase wire size	Neutral wire size	Lugs per kit	Total lugs per device	Lug kit ordering code
400	TMP3L4R	AL/CU: (1) 2/0-600 or (2) #6-250	AL/CU: (1) 2/0-600 or (2) #6-250	1 lug/kit, 1 lug/phase, 2 hole lug	–	TMMLK1 (w/instr.)
600	TMP3L6R	AL/CU: (2) 250-500/lug	AL/CU: (2) 250-500/lug	1 lug/kit, 1 lug/phase	–	TMPAL30
800	TMPL8R	AL/CU: (2) 1/0-750 or (4) 1/0-300	AL/CU: (2) 1/0-750 or (4) 1/0-300	2 lugs/phase, 3 lugs/kit	–	TMPL750
1200	TMPL12R	AL/CU: (3) 1/0-750 or (6) 1/0-300	AL/CU: (3) 1/0-750 or (6) 1/0-300	3 lugs/phase, 3 lugs/kit	–	TMPL750
1600	TMPL16R	AL/CU: (6) 250-500	AL/CU: (6) 250-500	1 lug/kit, 3 lugs/phase	9 lugs total	TMPAL30
	TMPL16R, TMP3L16RCRIS				12 lugs total	
2000	TMPL20R, TMP3L20RCRIS	AL/CU: (8) 1/0-750	AL/CU: (8) 1/0-750	1 lug/kit, 3 lugs/phase	12 lugs total	–
	TMPL20R, TMPL20RCRIS					

Optional lug kit

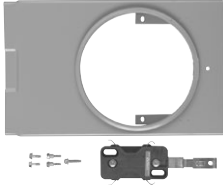
Amp rating	Main lug (terminal box)	Phase wire size	Lugs per kit	Compression lug kit ordering code	Lugs per kit	Phase lug kit ordering code
400	TMP3L4R	Al/Cu: (2) 250-500/lug	1 lug/kit, 1 lug/phase	TMP36LCLL	2 studs per phase, double stack for up to 2 conductors per phase	TMPAL30
600	TMP3L6R	–	–			–
800	TMPL8R	Al/Cu: (2) 250-500	1 lug/kit, 1 lug/phase	TMPL12CLL1	4 studs per phase, double stack for up to 4 conductors per phase	TMPAL30
1200	TMPL12R					
1600	TMPL16R	Al/Cu: (4) 1/0-750 or (8) 1/0-300	1 kit/device, 4 connector assy's w/4 lugs each (16 total lugs), 1 assy/phase	TMPL16CLL1	–	TMP3L16BLK
	TMPL16R					

Modular metering field installed accessories

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Modular metering field installed accessories



TMBPM12TA



TMBPC20



TMBPJ20



TMM12SF2



TMM20SF4

Kits

Description		Ordering code
By-pass kits		
Manual slider-type (ring type only)	125 amp top socket for 2, 3, 5 and 6 gang	TMBPM12TA ²
	125 amp for all other sockets	TMBPM12A ²
	200 amp for all sockets	TMBPM20A ²
Jumper straps type (use with TMCA)		TMBPJ20 ³
Cover including jumper strap type-fits all (ring type only)		TMBPC20 ¹
Horn-type-fits all (ringless only) ¹		TMBPH20A ³
Horn with metal meter guides		TMBPHG
Totalizing jumper type bypass kit		TMBPT320
Semi-flush kits		
125 Sockets	2 gang	TMM12SF2
	3 and 4 gang	TMM12SF4
	5 and 6 gang	TMM12SF6
200 Sockets	2 gang	TMM20SF2
	3 and 4 gang	TMM20SF4
	5 and 6 gang	TMM20SF6
Fifth jaw kits		
Bused; 3, 6, or 9 o'clock mounting: Order two for fifth and sixth jaw. Not suitable for 2-gang ring type		TM5JA
Isolated; 3 or 9 o'clock mounting		TM5JUA
Compression lug landing kit		
600 amp		TMM6CLL

Kits

Type	Ordering code
TEB breaker mounting kit	TMTEB
Barrel lock bracket and guard kit	TMBL ⁴
Blank meter socket cover (fits all positions)	TMCB322A
Individual meter socket barrier kit (includes 6)	TMBR3
Insulator for lever by-pass handle	TMHN
Replacement phase balancing jumper kit	TMPJ31 ⁴

¹100 amps continuous.

²For top socket on TMM4220R, order TMBPM20TA.

³200 amps continuous.

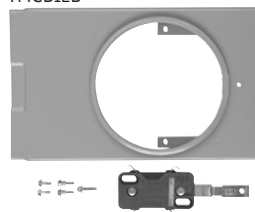
Includes 3 pads each with 2 threaded stud connections (and hardware) for compression or mechanical lugs with NEMA 2-hole bolt configuration (lugs not furnished). Not suitable for 2-gang.

⁴Not UL Listed.

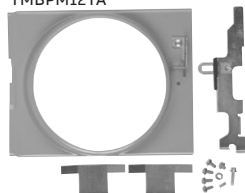
Modular metering field installed accessories



TMCB12B



TMBPM12TA



TSR1



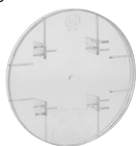
TSR3



TSR4



TSR5



TMCA



TMCP



TMPAL40



TMZR

Description		Ordering code
Steel meter socket covers		
Blank (fits bottom position only)	125 Amp	TMCB12B
	200 Amp	TMCB20B
	Fits all positions	TMCB322A
Ringless (Field -converts ring-type to ringless)	125 amp top socket for 2 and 3 gang	TMCR12T
	125 amp for all other sockets	TMCR12
	200 amp for all sockets	TMCR20
Sealing rings		
Screw-type, aluminum		TSR1
Snap type, stainless steel		TSR3
Screw and lock-type, aluminum		TSR4
Snap-type, aluminum (standard)		TSR5

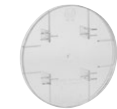
Description		Ordering code
Miscellaneous		
Lexan meter socket cover plate (without tabs)		TMCA
Lexan meter socket cover plate		TMCP
Equipment ground bar, (6) 6-2/0		TMEG
Individual meter socket barrier kit (includes 6)		TMBR
Mounting Z-rail, 4-foot		TMZR
Lug kit for (3) 4/0 cable		TMPAL40
Main lug kit, (1) #6-600 or (2) 2/0-250		TMMLK1
Spacer	4-inch, 4 cross bus rated 1200A	TMPS12
Elbow	16 inch x 16 inch, 4 cross bus rated 1200A 3PH N1	TMPE12
Elbow	12 inch x 12 inch, 4 cross bus rated 1200A 3PH N1	TMPE12A
Elbow	12 inch x 12 inch, 4 cross bus rated 1200A 3PH N3R	TMPE12AR ¹
320A Socket	Insert clip into the upper right hand jaw of the 320A meter socket to prevent a 200A meter from being inserted into a 320A meter socket.	TMIC
Anti-inversion clip		
Endwall		TM234BEW200
Endwall		TM56BEW200
TQD mounting kit	TQD breaker mounting kit - This is a replacement part. Units come with this part factory installed.	TMTQD3
Mod Meter-2-hole lug kit -1 400-2000A for Dominion Virginia Power		717RD06G01
Mounting kit -Meter Mod III-residential units		99-4172-2
Bounding strap kit - Except CECHA 3/4 socket		MTRPKBNDSTRP
NEMA 1 painted top endwall with knockouts 125A meter stacks		TM12N1WLK
NEMA 1 painted top endwall with knockouts 200A meter stacks		TM20N1WLK
Neutral kit, 1600A and 2000A main breaker		TMBP2000N
Compression lug landing kit-600A		TMM6CLL
Phase balance kit - replaces 99-4177-3		35MMPHBALKIT
Ground lug kit - (1) 1/0-750 or (2) 1/0-300		80-6217-2
Surge protective devices		
SPD 100KA/PH 1P3W 120/240V (25.55"h x 18.30"w x 11.38"d)		TMP1SURGE
SPD 100KA/PH 3P4W 208Y/120V (25.55"h x 18.30"w x 11.38"d)		TMP3SURGE

¹Not UL Listed.

Modular metering field installed accessories



ARP00035GE



ARP000920GE



Small Hub



Large Hub

Accessories	
Description	Ordering code
5th terminal kit H4330 parts	ARP00326GE
Connector kit (2) 350MCM-#6 lever bypass	ARP00427GE
HQ bolt shield	ARP01595GE
Anti-inversion clip (10 per package)	ARP00984GE
GE connector kit #4-600MCM	ARP00129GE
DTE auxillary service kit	ARP01590GE
5th jaw	ARP00035GE
Auxillary contacts enclosure G90	1006630AGE
GE plastic meter socket cover plate	ARP00920GE
GE single socket 600MCM lug kit	ARP00118GE
Single socket 600MCM or (2) 250MCM lug kit	ARP00429GE

Hub kits	
Description	Ordering code
1" Hub kit, small	ARP00003GE
1.25" Hub kit, small	ARP00004GE
1.5" Hub kit, small	ARP00005GE
2" Hub kit, small	ARP00006GE
2.5" Hub kit, small	ARP00007GE
2" Hub kit, large	ARP00017GE
2.5" Hub kit, large	ARP00018GE
3" Hub kit, large	ARP00019GE
3.5" Hub kit, large	ARP00020GE
4" Hub kit, large	ARP00021GE

Hub cover plates	
Description	Ordering code
Small hub cover plate for 3 5/16" hub openings - steel	ARP00002GE
Small hub cover plate for 3 5/16" hub openings - aluminum	ARP00008GE
Large hub cover plate for 5" hub openings - steel	ARP00016GE
Large hub cover plate for 5" hub openings - aluminum	ARP00023GE

Main breaker modules alternate rating plugs		
Breaker frame rating (amps)	Trip rating (amps)	Rating plug ordering code
400A	250	SRPG400A250
	300	SRPG400A300
1200	1175	SRPK1200A1175



Horizontal metering

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Horizontal metering

Product overview



For commercial applications, meter gangs are needed to service applications like strip malls, mixed use buildings and other types of commercial buildings where 1PH or 3PH 600V power is coming into the building.

Features

- Single phase
- Top/bottom feed
- UL Listed
- Selected items are utility approved
- NEMA 3R enclosure
- Multiple hub opening and closure plate sizes available
- Hub opening in top endwall, requires use of a bolt-on hub or closing plate
- 1Ø, 600 Vac maximum
- Main lugs only
- End or center feed
- Overhead and underground service feeds
- 10 kAIC short circuit rating (or higher with utility approval)

Ordering code construction

	U	T	2R	1	1	21	B	FL	GE
Standard Prefix									
U = UL Labeled									
Additional Features									
B = Barrel Lock									
F = Barrel Lock and Lock Guard									
G = Grounded Fifth Terminal									
H = Horn Bypass									
R = Ring Style									
T = Grounding Connector (#14-#2 CU-AL)									
Z = 5/16" Hex Head Connector Screw									
Product Group Designation									
2, 3, 4, 5 or 6 Position Residential Service									
Ampere Rating									
1 = 100 Amps									
2 = 200 Amps									
5 = 150 Amps									

Horizontal metering

Single phase, ringless

Amp	Gang	Feed type	Overhead/ underground line feed	Line wire range	Ground lug size	Triplex ground	No. of terminals	Lever bypass	Horned bypass	Hub type	Enclosure N3R	UL & utility approved	Ordering code
100	2	End	Top/bottom	#6-250MCM line #8-2/0 load	No ground	N	4	N	N	(2) Small hub cover plates	G90 steel	UL	U2R1421CGE
		Center	Top/bottom	#6-250MCM line #8-2/0 load	No ground	N	4	N	Y	Small hub opening		UL	UBH2R1121BGE
		Center	Top/bottom	#6-250MCM #8-2/0 line load	(1) #14-2	Y	4	N	N	Small hub opening		UL, CMP	UT2R1121BGE
		Center	Top/bottom	#6-250MCM line #8-2/0 load	(1) #14-2	Y	4	N	N	Large hub cover plate		UL, MEG	UTZ2R1121CFLGE
	3	Center	Top/bottom	#6-250MCM line #8-2/0 load	No ground	N	4	N	Y	Small hub opening		UL	UBH3R1121BGE
		Center	Top/bottom	#6-250MCM line #8-2/0 load	(1) #14-2	Y	4	N	N	Small hub opening		UL, CMP	UT3R1121BGE
		Center	Top/bottom	#6-250MCM line #8-2/0 load	(1) #14-2	Y	4	N	N	Large hub cover plate		UL, MEG	UTZ3R1121CFLGE
	4	Center	Top/bottom	#6-250MCM line #8-2/0 load	(1) #14-2	Y	4	N	N	Small hub opening		UL, CMP	UT4R1121BGE
		Center	Top/bottom	#6-250MCM line #8-2/0 load	(1) #14-1/0	Y	4	N	N	Large hub cover plate		UL, MEG	UTZ4R1121CFLGE
	5	Center	Top/bottom	#6-250MCM line #8-2/0 load	(1) #14-2	Y	4	N	N	Small hub opening		UL, CMP	UT5R1121BGE
		Center	Top/bottom	#6-250MCM line #8-2/0 load	(1) #14-2/0	Y	4	N	N	(2) Large hub cover plates		UL, MEG	UTZ5R1121CFLGE
	6	Center	Top/bottom	#6-350MCM line #8-2/0 load	(1) #14-2	Y	4	N	N	Small hub opening		UL, CMP	UT6R1131BGE
		Center	Top/bottom	#6-250MCM line #8-2/0 load	(1) #14-2/0	Y	4	N	N	(2) Large hub cover plates		UL, MEG	UTZ6R1131CFLGE
150	2	Center	Top/bottom	#6-350MCM line #8-250MCM load	No ground	N	5	N	N	Small hub cover plate		UL, KCP&L	UG2R5332CKCGE
		Center	Top/bottom	#6-350MCM line #8-250MCM load	(1) #14-2	Y	4	N	N	Small hub opening		UL	UT2R5332BGE
	3	End	Top/bottom	#6-350MCM line #8-250MCM load	(1) #14-2	Y	4	N	N	(1) Small hub opening (1) Small hub cover plate		UL	UT3R5632BGE
	4	End	Top/bottom	#6-350MCM line #8-250MCM load	(1) #14-2	Y	4	N	N	(1) Small hub opening (1) Small hub cover plate		UL	UT4R5632BGE

(continued on next page)

Horizontal metering

Single phase, ringless

Amp	Gang	Feed type	Overhead/ underground line feed	Line wire range	Ground lug size	Triplex ground	No. of terminals	Lever bypass	Horned bypass	Hub type	Enclosure N3R	UL & utility approved	Ordering code
200	2	Center	Top/bottom	3/8" STUDS #8-250MCM line load	No ground	N	4	N	N	Large hub cover plate	G90 steel	UL, DTE	1006737BGE
		Center	Top/bottom	#6-350MCM line #8-250MCM load	No ground	N	4	N	N	Large hub cover plate		UL	U2R2332UGE
		Center	Top/bottom	#6-350MCM line #8-250MCM load	No ground	N	4	N	Y	Large hub opening		UL	UBH2R2332TGE
		Center	Top/bottom	#8-350MCM line #8-250MCM load	(1) #14-2	Y	4	N	Y	Large hub opening		UL, AEP	UFHT2R2332TGE
		Center	Top/bottom	#6-350MCM line #8-250MCM load	(1) #14-2	Y	4	N	Y	Large hub opening		UL	UHT2R2332TGE
		Center	Top/bottom	#6-350MCM line #8-250MCM load	(1) #14-2	Y	4	N	N	Large hub opening		UL, CMP	UT2R2332TGE
		Center	Top/bottom	#6-350MCM line #8-250MCM load	(1) #14-2	Y	4	N	N	Large hub cover plate		UL, SCE&G	UT2R2332UGE
		Center	Top/bottom	#6-250MCM line #8-2/0 load	(1) #14-2	Y	4	N	N	Small hub cover plate		UL, MEG	UT2R2332UFLGE
	3	Center	Top/bottom	#6-350MCM line #8-250MCM load	No ground	N	4	N	Y	Large hub opening		UL	UBH3R2332TGE
		Center	Top/bottom	#6-350MCM line #8-250MCM load	(1) #14-2	Y	4	N	Y	Large hub opening		UL, AEP	UFHT3R2332TGE
		Center	Top/bottom	#6-350MCM line #8-250MCM load	(1) #14-2	Y	4	N	Y	Large hub opening		UL	UHT3R2332TGE
		Center	Top/bottom	#6-350MCM line #8-250MCM load	(1) #14-2	Y	4	N	N	Large hub opening		UL, CMP	UT3R2332TGE
		Center	Top/bottom	#6-350MCM line #8-250MCM load	(1) #14-2	Y	4	N	N	Large hub cover plate		UL, SCE&G	UT3R2232UGE
		Center	Top/bottom	#6-250MCM line #8-2/0 load	(1) #14-2	Y	4	N	N	Small hub cover plate		UL, MEG	UT3R2332UFLGE
	4	Center	Top/bottom	1/0-500MCM line #8-250MCM load	(1) #14-1/0	Y	4	N	Y	Large hub opening		UL, AEP	UFHT4R2352TGE
		Center	Top/bottom	1/0-500MCM line #8-250MCM load	(1) #14-2	Y	4	N	Y	Large hub opening		UL	UHT4R2352TGE
		Center	Top/bottom	1/0-500MCM line #8-250MCM load	(1) #14-1/0	Y	4	N	N	Large hub opening		UL, CMP	UT4R2352TGE
		Center	Top/bottom	1/0-500MCM line #8-250MCM load	(1) #14-1/0	Y	4	N	N	Large hub cover plate		UL, SCE&G	UT4R2352UGE
		Center	Top/bottom	#6-250MCM line #8-2/0 load	(1) #14-2	Y	4	N	N	Small hub cover plate		UL, MEG	UT4R2352UFLGE
	5	Center	Top/bottom	1/0-500MCM line #8-250MCM load	(1) #14-2/0	Y	4	N	N	(2) Large hub cover plates		UL	GEKR5CS1ET
		Center	Top/bottom	1/0-500MCM line #8-250MCM load	(1) #14-2/0	Y	4	N	Y	(2) Large hub openings		UL, AEP	UFHT5R2392TTGE
		Center	Top/bottom	1/0-500MCM line #8-250MCM load	(1) #14-2/0	Y	4	N	N	(2) Large hub openings		UL, CMP	UT5R2392TTGE
		Center	Top/bottom	#6-250MCM line #8-2/0 load	(1) #14-2	Y	4	N	N	Small hub cover plate		UL, MEG	UT5R2392UFLGE
	6	Center	Top/bottom	1/0-500MCM line #8-250MCM load	(1) #14-2/0	Y	4	N	N	(2) Large hub cover plates		UL	GEKR6CS1ET
		Center	Top/bottom	1/0-500MCM line #8-250MCM load	(1) #14-2/0	Y	4	N	Y	(2) Large hub openings		UL, AEP	UFHT6R2392TTGE
		Center	Top/bottom	1/0-500MCM line #8-250MCM load	(1) #14-2/0	Y	4	N	Y	(2) Large hub openings		UL	UHT6R2392TTGE
		Center	Top/bottom	1/0-500MCM line #8-250MCM load	(1) #14-2/0	Y	4	N	N	(2) Large hub openings		UL, CMP	UT6R2392TTGE
		Center	Top/bottom	#6-350MCM line #8-2/0 load	(1) #14-2	Y	4	N	N	Small hub cover plate		UL, MEG	UT6R2392UFLGE



Single socket metering

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Single socket metering

Product overview



For commercial and residential applications, single meter sockets are needed to allow the utilities to install a meter to monitor and hook up power.

Specifications and features

- Single phase or three phase
- UL Listed
- Tested and UL Listed up to 10 kAIC short circuit rating
- Selected items are utility approved
- NEMA 3R enclosure
- Integral duplex ground extruded in neutral lug
- G90 galvanized bridge provides superior corrosion resistance
- Heavy duty lug screws provide stronger connection component for reliable termination
- 125A units have horn bypass kit that is field installable by changing slide-nut
- 200A units have jaws made of copper plated alloy and have reinforcing springs to help maintain electrical connections
- 200A units have slide-nuts that allow for ease of installation of conductors and helps eliminate lost components
- Standard pack: 1

Ordering code construction

U	A	RS	5	2	0	3	B	FL	GE
Standard Prefix U = UL Labeled								Utility Approval (if applicable) FL = Meter Equipment Group KC = KCP&L	
Additional Features A = Aluminum Cab B = Barrel Lock C = Spring Jaw Socket F = Barrel Lock and Lock Guard G = Grounded Fifth Terminal H = Horn Bypass S = Screw Type Sealing Ring T = Grounded Connector (#14-#2 CU-AL) Z = 5/16" Hex Head Connector Screw								Standard Suffixes A = Aluminum Cabinet B = Small Hub Opening C = Small Hub Cover Plate HL = High Leg Label (Delta Service) L = 1 1/4" Hub N = 2" Hub ND = Neutral Disconnect SH = Stainless Steel Hasp T = Large Hub Opening U = Large Hub Cover Plate	
Product Group Designation H = Commercial or Residential Service, Single Position (lever bypass) RS = Residential Service, Single Position								Maximum Conductor (Line & Load) 0 = 3/8" Stud Connectors 1 = #2/0 Connectors 2 = #250 kcmil Connectors 3 = #350 kcmil Connectors 6 = #600 kcmil Connectors 9 = Dual #500 kcmil Connectors	
Jaw Quantity 4 = 4 Terminal 5 = 5 Terminal 7 = 7 Terminal								Service Design 0 = Overhead 1 = Combination Overhead/Underground 2 = Underground, Side Wired 3 = Combination, Overhead/Underground, Side Wired	
Ampere Rating 1 = 125 Amps 2 = 200 Amps 3 = 320 Amps 5 = 150 Amps									

Single socket metering

Single phase, ringless

Amp	Wire range (CU/AL)	Overhead/ underground line feed	Ground range (CU/AL)	Triplex ground	No. of terminals	Lever bypass	Horned bypass	Hub type	Enclosure N3R	UL & utility approved	Ordering code
20	#12	Bottom	(2) #14-2	N	13	N	N	Solid top	G90 Steel	UL, DTE	1007003CGE
	#12	Bottom	(2) #14-2	N	8	N	N	Solid top			1007361CGE
125	#8-2/0	Bottom	No ground	N	4	N	N	Solid top			1006385BGE
	#8-2/0	Top	(1) #14-2	Y	4	N	N	Small hub opening	G90 Steel	UL	GEKR1AS1BTZ
	#8-2/0	Top	(1) #14-2	Y	4	N	Y	Small hub opening	G90 Steel	UL, AEP	GEKS1AS1BTV
	#8-2/0	Top/bottom	(1) #14-2	Y	4	N	N	Small hub cover plate	Aluminum	UL, GP, MEG	UATZRS101CFLGE
	#8-2/0	Top/bottom	No ground	N	4	N	Y	Small hub opening	G90 Steel	UL	UBHRS101BGE
	#8-2/0	Top/bottom	(1) #14-2	Y	4	N	Y	Small hub opening	G90 Steel	UL, AEP	UFHTRS101BGE
	#8-2/0	Top/bottom	(1) #14-2	Y	5	N	Y	Small hub opening	G90 Steel	UL	UGHTRS101BGE
	#8-2/0	Top/bottom	(1) #14-2	Y	4	N	Y	Small hub opening			UHTRS101BGE
	#8-2/0	Top/bottom	(2) #14-2	Y	4	N	N	Small hub opening			URS101BCPLGE
	#8-2/0	Top/bottom	(2) #14-2	Y	4	N	N	Small hub cover plate			URS101CCPLGE
	#8-2/0	Top/bottom	(1) #14-2	Y	4	N	N	Small hub opening	G90 Steel	UL, CMP	UTRS101BGE
	#8-2/0	Top/bottom	(1) #14-2	Y	4	N	N	Small hub cover plate	G90 Steel	UL, GP, MEG	UTZRS101CFLGE
150	#8-250MCM	Top/bottom	(1) #14-2	Y	4	N	N	Small hub opening	G90 Steel	UL	UTRS502BGE
200	#8-250MCM	Top/bottom	No ground	N	4	N	N	Small hub opening	G90 Steel	UL, DTE	1004709DGE
	#8-250MCM	Top/bottom	No ground	N	4	N	N	Small hub cover plate			1004710EGE
	#8-250MCM	Top/bottom	(1) #14-2	Y	4	N	Y	Small hub opening	G90 Steel	UL, AEP, CECHA	1007665AGE
	#8-250MCM	Top/bottom	(1) #14-2	Y	4	N	Y	Small hub opening	G90 Steel	UL, CECHA	1007665GE
	#6-350MCM	Top/bottom	(1) #14-2	Y	4	Y	N	Small hub cover plate	Aluminum	UL, AEP	1011692GE
	#8-350MCM	Top	(1) #14-2	Y	4	N	N	Small hub opening	G90 Steel	UL	GEKR1CS1BT
	#8-250MCM	Top	(1) #14-2	Y	4	N	Y	Small hub opening	G90 Steel	UL, AEP	GEKS1CS1BJTV
	#8-350MCM	Top/bottom	(1) #14-2	Y	4	N	Y	Small hub cover plate			GEKS1CS1DTV
	#8-350MCM	Side	(1) #14-2	Y	4	N	Y	Solid top			GEKS1DS1ATV
	#8-350MCM	Side	(2) #14-2	N	4	N	N	(2) Small hub cover plates	G90 Steel	UL	U92197CCPLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	4	Y	N	Small hub opening	Aluminum	UL, GP, MEG	UATH4203BFLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	4	Y	N	Large hub opening			UATH4203TFLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	4	Y	N	Small hub cover plate			UATH4213CFLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	4	Y	N	Large hub cover plate			UATH4213UFLGE
	#8-250MCM	Top/bottom	(1) #14-2	Y	4	N	N	Small hub opening			UATRS202BFLGE
	#8-250MCM	Top/bottom	(1) #14-2	Y	4	N	N	Small hub cover plate			UATRS212CFLGE
	#8-350MCM	Bottom	(1) #14-2	Y	4	N	N	Solid top			UATRS213AFLGE
	#8-350MCM	Top/bottom	(1) #14-2	Y	4	N	N	Small hub cover plate			UATRS213CFLGE
	#8-350MCM	Bottom	(1) #14-2	Y	4	N	N	Solid top			UATRS223AFLGE
	#8-250MCM	Top	No ground	N	4	N	Y	Small hub opening	G90 Steel	UL	UBHRS202BGE
	#8-250MCM	Top/bottom	No ground	N	4	N	Y	Small hub opening			UBHRS212BGE
	#8-250MCM	Top/bottom	(1) #14-2	Y	4	N	Y	Small hub opening	G90 Steel	UL, AEP	UFHTRS202BGE
	#8-350MCM	Bottom	(1) #14-2	Y	4	N	Y	Solid top			UFHTRS223AGE
	#8-350MCM	Top/bottom	(1) #14-2	Y	4	N	Y	Small hub cover plate			UFHTRS233CGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	4	Y	N	Small hub cover plate			UFTH4213CGE
	#8-250MCM	Top/bottom	No ground	N	5	N	Y	Small hub cover plate	G90 Steel	UL, KCP&L	UGHRS212CKCGE
	#8-350MCM	Top/bottom	(1) #14-2	Y	5	N	Y	Small hub opening	G90 Steel	UL	UGHTRS213BGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	5	Y	N	Small hub cover plate			UGTH4213CGE
	#8-350MCM	Top/bottom	(1) #14-2	Y	5	N	N	Small hub cover plate			UGTRS213CGE
	#6-350MCM	Top/bottom	No ground	N	4	Y	N	Small hub cover plate			UH4213CGE
	#8-250MCM	Top/bottom	(1) #14-2	Y	4	N	Y	Small hub opening			UHTRS202BGE
	#8-350MCM	Side	(1) #14-2	Y	4	N	Y	Solid top			UHTRS223AGE

(continued on next page)

Single socket metering

Single phase, ringless (continued)

		Overhead/ underground line feed	Ground range (CU/AL)	Triplex ground	No. of terminals	Lever bypass	Horned bypass					
Amp	Wire range (CU/AL)							Hub type	Enclosure N3R	UL & utility approved	Ordering code	
200	#8-350MCM	Top/bottom	(1) #14-2	Y	4	N	N	(2) Small hub cover plates	G90 steel	UL, GP, MEG	UT92197CCFLGE	
	#6-350MCM	Top/bottom	(1) #14-2	Y	4	Y	N	Small hub opening	G90 steel	UL, GP, MEG	UTH4203BFLGE	
	#6-350MCM	Top/bottom	(1) #14-2	Y	4	Y	N	Large hub opening			UTH4203TFLGE	
	#6-350MCM	Top/bottom	(1) #14-2	Y	4	Y	N	Small hub opening			UL	UTH4213BGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	4	Y	N	Small hub cover plate	G90 steel	UL, GP, MEG	UTH4213CFLGE	
	#6-350MCM	Top/bottom	(1) #14-2	Y	4	Y	N	Large hub cover plate			UTH4213UFLGE	
	#8-250MCM	Top/bottom	(1) #14-2	Y	4	N	N	Small hub opening	G90 steel	UL, CMP	UTRS202BGE	
	#8-250MCM	Top/bottom	(1) #14-2	Y	4	N	N	Small hub opening	G90 steel	UL	UTRS212BGE	
	#8-250MCM	Top/bottom	(1) #14-2	Y	4	N	N	Small hub cover plate			UTRS212CGE	
	Line: (1) #8- 350MCM load: (2) #8-250MCM	Top/bottom	(1) #14-2	Y	4	N	N	Small hub opening			UTRS2138BGE	
	#8-350MCM	Bottom	(1) #14-2	Y	4	N	N	Solid top	G90 steel	UL, MEG	UTRS213AFLGE	
	#8-350MCM	Top/bottom	(1) #14-2	Y	4	N	N	Small hub opening	G90 steel	UL, CMP	UTRS213BGE	
	#8-350MCM	Top/bottom	(1) #14-2	Y	4	N	N	Small hub cover plate	G90 steel	UL, MEG	UTRS213CFLGE	
	#8-350MCM	Top/bottom	(1) #14-2	Y	4	N	N	Small hub cover plate	G90 steel	UL, CMP	UTRS213CGE	
	#8-350MCM	Bottom	(1) #14-2	Y	4	N	N	Solid top	G90 steel	UL, MEG	UTRS223AFLGE	
	#8-350MCM	Bottom	(1) #14-2	Y	4	N	N	Solid top	G90 steel	UL	UTRS223AGE	
320	Studs - (1) 600MCM or (2) 350MCM	Top	(1) #14 -1/0	Y	4	Y	N	Large hub opening	G90 steel	UL, CECHA	1007672GE¹	
	(2) #6-350MCM	Top/bottom	(1) #14 -1/0	Y	4	Y	N	Large hub cover plate	G90 steel	UL, AEP	1008068GE	
	#4-600MCM	Bottom	(1) #14 -1/0	Y	4	Y	N	Solid top	G90 steel	UL	1008435GE	
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14 -1/0	Y	4	Y	N	Large hub cover plate	G90 steel	UL, GP, MEG	1008836GE¹	
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14 -1/0	Y	4	Y	N	Large hub cover plate	Aluminum	UL, GP, MEG	1008837GE¹	
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14 -1/0	Y	4	Y	N	Large hub cover plate	G90 steel	UL	1009260GE¹	
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	No ground	N	4	Y	N	Large hub cover plate	G90 steel	UL, DTE	1009788AGE¹	
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14 -1/0	Y	4	Y	N	Large hub opening	Aluminum	UL, AEP	UAFTH4330TSHGE¹	
	#4-600MCM	Top/bottom	(1) #14 -1/0	Y	4	Y	N	Large hub opening			UAFTH4336TSHGE	
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14 -1/0	Y	4	Y	N	Large hub opening	Aluminum	UL, GP, MEG	UATH4300TFLGE¹	
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14 -1/0	Y	4	Y	N	Large hub opening	G90 steel	UL, AEP	UFTH4330TGE¹	
	#4-600MCM	Top/bottom	(1) #14 -1/0	Y	4	Y	N	Large hub opening			UFTH4336TGE	
	Line: (1) #4- 600MCM load: (2) #6-250MCM	Top	(2) #14-2	Y	4	Y	N	Large hub opening	G90 steel	UL	UH43068TCPLGE	
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14-1/0	Y	4	Y	N	Large hub opening	G90 steel	UL, GP, MEG	UTH4300TFLGE¹	
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14-1/0	Y	4	Y	N	Large hub opening	G90 steel	UL, CMP	UTH4330TGE¹	
	Line: (1) #4- 600MCM load: (2) #6-350MCM	Top	(1) #14-1/0	Y	4	Y	N	Large hub opening	G90 steel	UL	UTH43369TGE	
	Line: (1) #4- 600MCM load: (2) #6-350MCM	Top/bottom	(1) #14-1/0	Y	4	Y	N	Large hub opening			UTH73069THLGE	

¹Lugs not included. This product comes with studs only. Order lugs separately, see accessories on page 2-78. One (1) lug per kit, order appropriate quantity needed. For example, order 3 lugs (A, C, N) if meter is 1-phase or 4 lugs (A, B, C, N) if meter is 3-phase.

Single socket metering

Three phase, ringless											
Amp	Wire range (CU/AL)	Overhead/ underground line feed	Ground range (CU/AL)	Triplex ground	No. of terminals	Lever bypass	Horned bypass	Hub type	Enclosure N3R	UL & utility approved	Ordering code
20	#10 - #12	Top/bottom	(1) #14-2	Y	13	N	N	Small hub cover plate	G90 steel	UL	URSTS132CGE
200	#6-350MCM	Top	(1) #14-2	Y	7	Y	N	Large hub opening	G90 steel	UL, CECHA	1007670GE
	#6-350MCM	Top/bottom	(1) #14-2	Y	7	Y	N	Large hub opening	Aluminum	UL, AEP	UAFTH7213TSHGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	7	Y	N	Small hub opening	Aluminum	UL, GP, MEG	UATH7203BFLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	7	Y	N	Large hub opening			UATH7203TFLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	7	Y	N	Small hub cover plate			UATH7213CFLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	7	Y	N	Large hub cover plate			UATH7213UFLGE
	#6-350MCM	Top/bottom	No ground	N	7	Y	N	Small hub opening	G90 steel	UL	UBC7213BGE
	#6-350MCM	Top/bottom	No ground	N	7	Y	N	Large hub opening			UBH7213TGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	7	Y	N	Small hub opening	G90 steel	UL, AEP	UFTH7213BGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	7	Y	N	Large hub opening			UFTH7213TGE
	#6-350MCM	Top/bottom	(2) #14-2	Y	7	Y	N	Large hub opening			UFTTH7213TGE
	#6-350MCM	Top/bottom	No ground	N	7	Y	N	Small hub cover plate	G90 steel	UL, DTE	UH7213CGE
	#6-350MCM	Top/bottom	No ground	N	7	Y	N	Small hub cover plate	G90 steel	UL, KCP&L	UH7213CKCGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	7	Y	N	Small hub opening	G90 steel	UL, GP, MEG	UTH7203BFLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	7	Y	N	Large hub opening			UTH7203TFLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	7	Y	N	Large hub opening	G90 steel	UL, CMP	UTH7203TGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	7	Y	N	Small hub opening	G90 steel	UL	UTH7213BGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	7	Y	N	Large hub opening	G90 steel	UL	UTH7213TGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	7	Y	N	Large hub opening			UTH7213THLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	7	Y	N	Large hub cover plate	G90 steel	UL, CMP	UTH7213UGE
320	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14 -1/0	Y	7	Y	N	Large hub opening	Aluminum	UL, AEP	UAFTH7330TSHGE ¹
	#4-600MCM	Top/bottom	(1) #14 -1/0	Y	7	Y	N	Large hub opening			UAFTH7336TSHGE
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14 -1/0	Y	7	Y	N	Large hub opening	Aluminum	UL, MEG	UATH7300TFLGE ¹
	Studs - (1) 600MCM or (2) 350MCM	Side	(1) #14 -1/0	Y	7	Y	N	Large hub cover plate	Aluminum	UL, GP, MEG	UATH7330UFLGE ¹
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14 -1/0	Y	7	Y	N	Large hub opening	G90 steel	UL, AEP	UFTH7330TGE ¹
	#4-600MCM	Top/bottom	(1) #14 -1/0	Y	7	Y	N	Large hub opening			UFTH7336TGE
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(2) #14-1/0	Y	7	Y	N	Large hub opening			UFTTH7330TGE ¹
	#4-600MCM	Top/bottom	(2) #14-1/0	Y	7	Y	N	Large hub opening			UFTTH7336TGE
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14-1/0	Y	7	Y	N	Large hub opening	G90 steel	UL, GP, MEG	UTH7300TFLGE ¹
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14-1/0	Y	7	Y	N	Large hub opening	G90 steel	UL	UTH7330TGE ¹
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14-1/0	Y	7	Y	N	Large hub cover plate	G90 steel	UL, GP, MEG	UTH7330UFLGE ¹
	Line: (1) #4- 600MCM load: (2) #6-350MCM	Top/bottom	(1) #14-1/0	Y	7	Y	N	Large hub opening	G90 steel	UL	UTH73369THLGE

¹Lugs not included. This product comes with studs only. Order lugs separately, see accessories on page 2-78. One (1) lug per kit, order appropriate quantity needed.
For example, order 3 lugs (A, C, N) if meter is 1-phase or 4 lugs (A, B, C, N) if meter is 3-phase.

Single socket metering

Single or three phase, ringless

Amp	Wire range (CU/AL)	Overhead/ underground line feed	Ground range (CU/AL)	Triplex ground	No. of terminals	Lever bypass	Horned bypass	Hub type	Enclosure N3R	UL & utility approved	Ordering code
200	#6-350MCM	Top/bottom	(1) #14-2	Y	5	Y	N	Small hub opening	Aluminum	UL, AEP	UAFTH5213BNDGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	5	Y	N	Small hub opening	Aluminum	UL, MEG	UATH5203BFLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	5	Y	N	Large hub opening			UATH5203TFLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	5	Y	N	Small hub cover plate			UATH5213CFLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	5	Y	N	Large hub cover plate			UATH5213UFLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	5	Y	N	Small hub opening	G90 steel	UL, AEP	UFTH5213BNDGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	5	Y	N	Small hub opening	G90 steel	UL, MEG	UTH5203BFLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	5	Y	N	Small hub opening	G90 steel	UL, CMP	UTH5203BGE
	#8-350MCM	Top/bottom	(1) #14-2	Y	5	Y	N	Large hub opening	G90 steel	UL, MEG	UTH5203TFLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	5	Y	N	Small hub opening	G90 steel	UL	UTH5213BNDGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	5	Y	N	Small hub cover plate	G90 steel	UL, MEG	UTH5213CFLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	5	Y	N	Small hub cover plate	G90 steel	UL, CMP	UTH5213CGE
320	#6-350MCM	Top/bottom	(1) #14-2	Y	5	Y	N	Large hub cover plate	G90 steel	UL, MEG	UTH5213UFLGE
	#6-350MCM	Top/bottom	(1) #14-2	Y	5	Y	N	Small hub cover plate	G90 steel	UL, CMP	UTH5233CGE
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14 -1/0	Y	5	Y	N	Large hub opening	Aluminum	UL, MEG	UATH5300TFLGE ¹
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14 -1/0	Y	5	Y	N	Large hub cover plate			UATH5330UFLGE ¹
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14-1/0	Y	5	Y	N	Large hub opening	G90 steel	UL, MEG	UTH5300TFLGE ¹
	Studs - (1) 600MCM or (2) 350MCM	Top/bottom	(1) #14-2	Y	5	Y	N	Large hub cover plate			UTH5330UFLGE ¹

Single phase transformer rated, FP&L approved²

Amp	End lug size (CU/AL)	Side lug size (CU/AL)	Overhead/ underground line feed	Number of terminals	Hub type	Enclosure NEMA 3R	UL & utility approved	Ordering code
20	#14-2	#14-2	Top/bottom	6	Small hub cover plate	Aluminum	UL, FP&L	UASTH61C755GE
	#14-2	#14-2	Top/bottom	6	Small hub cover plate	Steel	UL, FP&L	USTH61C756GE
	#14-2	#14-2	Top/bottom	13	Small hub opening	Aluminum	UL, FP&L	UASTH131B757GE
	#14-2	#14-2	Top/bottom	13	Small hub cover plate	Steel	UL, FP&L	USTH131C758GE

Single phase transformer rated, TECO approved³

Amp	End lug size (CU/AL)	Side lug size (CU/AL)	Overhead/ underground line feed	Number of terminals	Hub type	Enclosure NEMA 3R	UL & utility approved	Ordering code
20	#14-2	#14-2	Top/bottom	6	Small hub opening	Steel	UL, TECO	URSTH62B759GE
	#14-2	#14-2	Top/bottom	6	Small hub opening	Aluminum	UL, TECO	UARSTH62B760GE
	#14-2	#14-2	Top/bottom	13	Small hub cover plate	Steel	UL, TECO	URSTH132C761GE
	#14-2	#14-2	Top/bottom	13	Small hub cover plate	Aluminum	UL, TECO	UARSTH132C762GE

¹Lugs not included. This product comes with studs only. Order lugs separately, see accessories on page 2-78. One (1) lug per kit, order appropriate quantity needed.

For example, order 3 lugs (A, C, N) if meter is 1-phase or 4 lugs (A, B, C, N) if meter is 3-phase.

²Units come with a test switch (not pre-wired) and have a one piece ringless cover.

³Units are pre-wired with test switch (per TECO specs) and have a two piece ring type cover.



Notes

Lined area for notes, consisting of multiple horizontal lines.