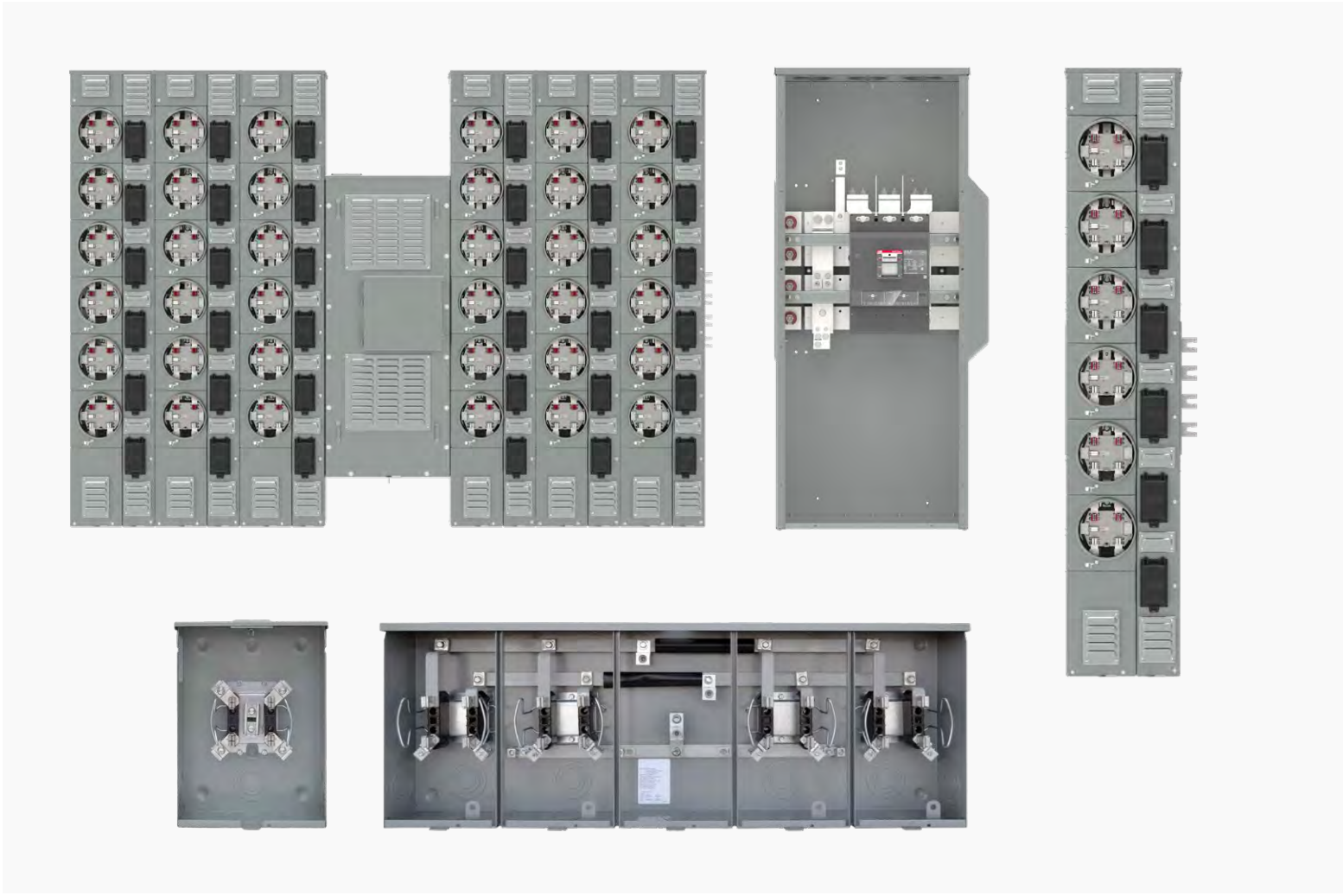
BUYLOG SECTION 2

Metering



Section Updated 11/2025

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Overview

		ReliaMod™	Horizontal metering
Application		Multi family	Multi-family
Phases	Single	■	■
	Three	■	
No of sockets		No limit	Up to 6
Expandable		Yes	No
Amperage range		400-2000	Up to 200
Voltage		240 V	600 V
Interupting circuit rating @ 240 VAC		Up to 100kA	
Construction	Indoor/outdoor NEMA 3R	■	■
Socket types	Ring	■	■
	Ringless	■	■
	Ringless with horn by-pass	■	■
	Ringless with lever by-pass	■	■
Starting page		2-5	2-60

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 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 flexiblity.

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.
- Interchangeable single and three-phase main and meter modules.
- All ReliaMod™ main modules with breakers are suitable for service entrance applications.
- All mains are offered with short circuit ratings through 100,000 amps RMS symmetrical.
- RELT (Reduced Energy Let Through) is standard on all main breakers 1200A and above to comply with NEC 240.87 arc flash maintenance requirements.
- All enclosures are NEMA 3R indoor/outdoor construction.
- All mains are required to be center feed only when the main breaker is greater than horizontal bus amps.
- Main breaker modules, 600A and lower, have bus rated for at least 800A. Main lugs, 600A and lower, have bus rated for at least 600A. All other main breakers, main fuses, and main lugs have bus rated for at least 1200A.
- All mains and stacks are supplied with wall rails to mount to the wall, and rail brackets mounted to the enclosure.
- All 800A and 1200A horizontal bus have identical ganging connection points.
- 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.
- Flexible lug sizes through 750 kcmil across almost all main modules.
- Series ratings are available from main breakers to tenant breakers (See DET008 for more information on series ratings).
- Shunt trips are available for field installation across all main breakers (400A through 2000A).
- 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
MM = Main/Meter Module

Phase type
1 = 1 Phase
3 = 3 Phase

Main type
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

R = NEMA Type 3R Rainproof

Additional features
L = Lugs for 6 cables per phase and neutral (1400-1600A MCB Only)
FTL = Feed-Thru Lugs (MLO Only)
CLL = Lug Landing Pad

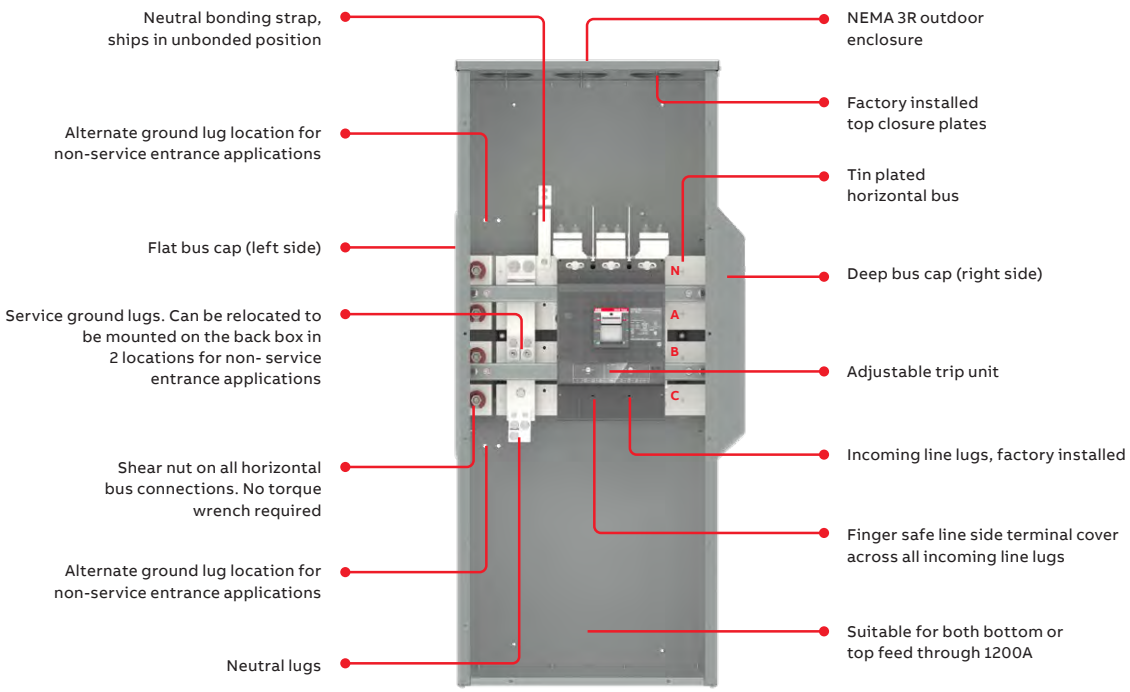
Please **Note:** ABB ReliaMod™ horizontal bus does not match up to GE Meter Mod III horizontal bus, so any ReliaMod™ section cannot be connected to any GE Meter Mod III section and vice versa without a bus transition adapter section. Please refer to the ReliaMod™ bus transition adapter page of the BuyLog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

ReliaMod™

Main modules

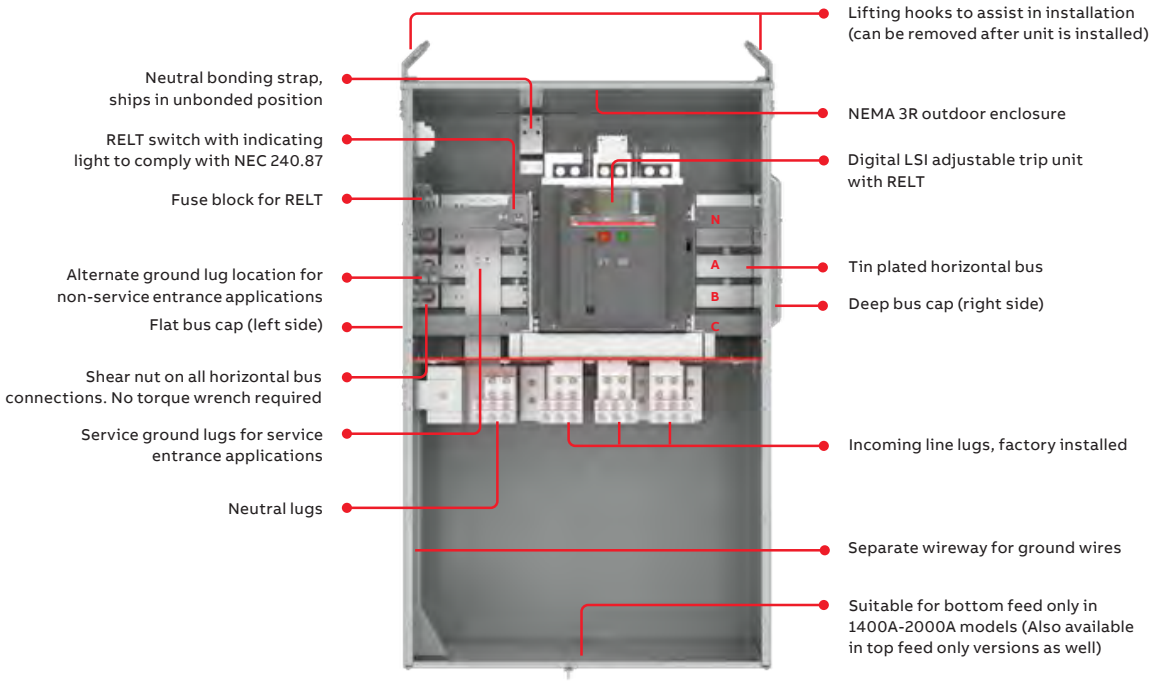
Construction details

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



RMM3BL8R shown

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



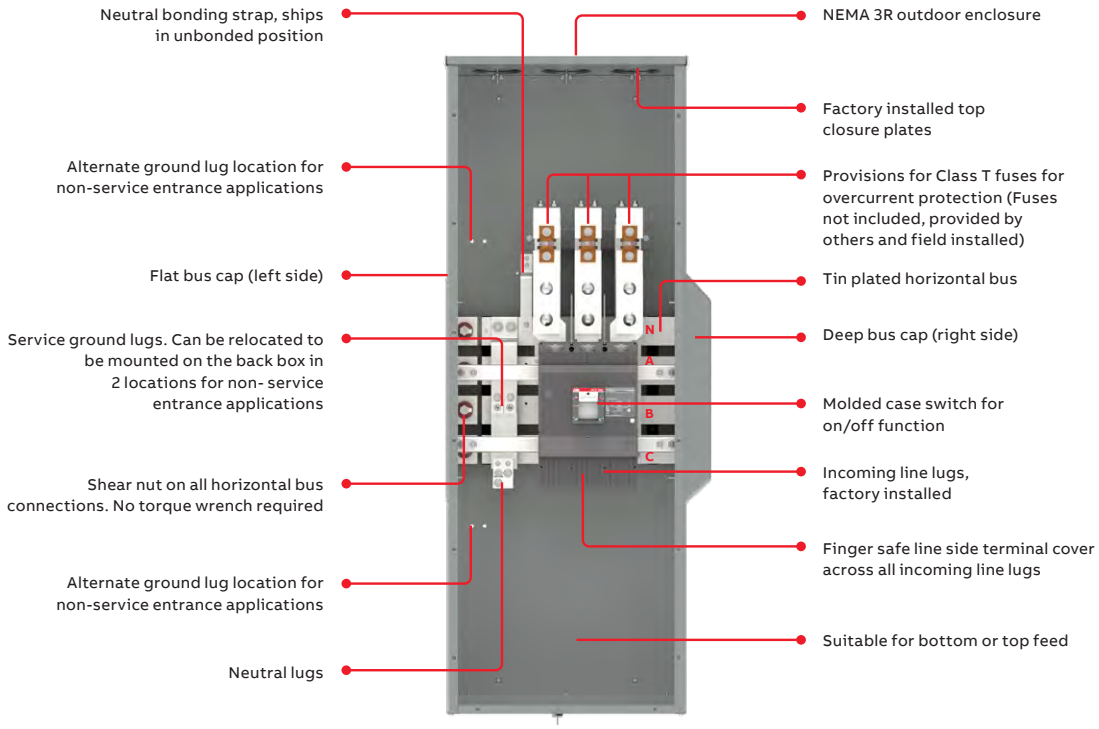
RMM3BB20RL shown

ReliaMod™

Main modules

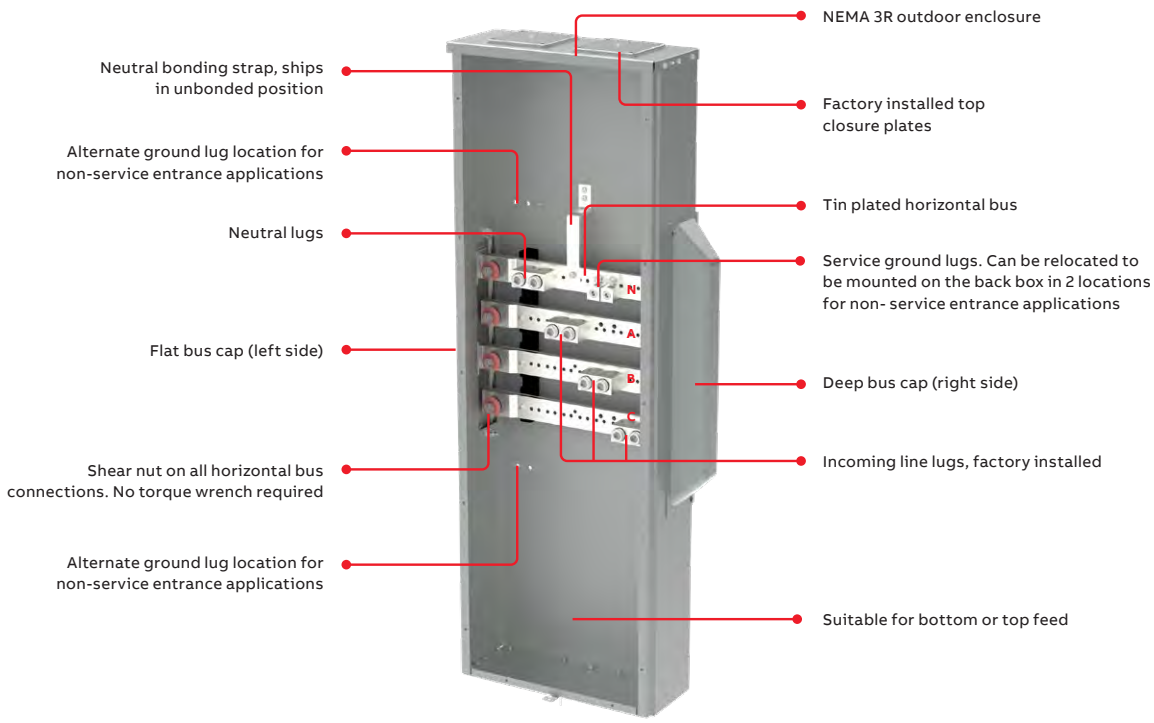
Construction details

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



RMM3F6R shown

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



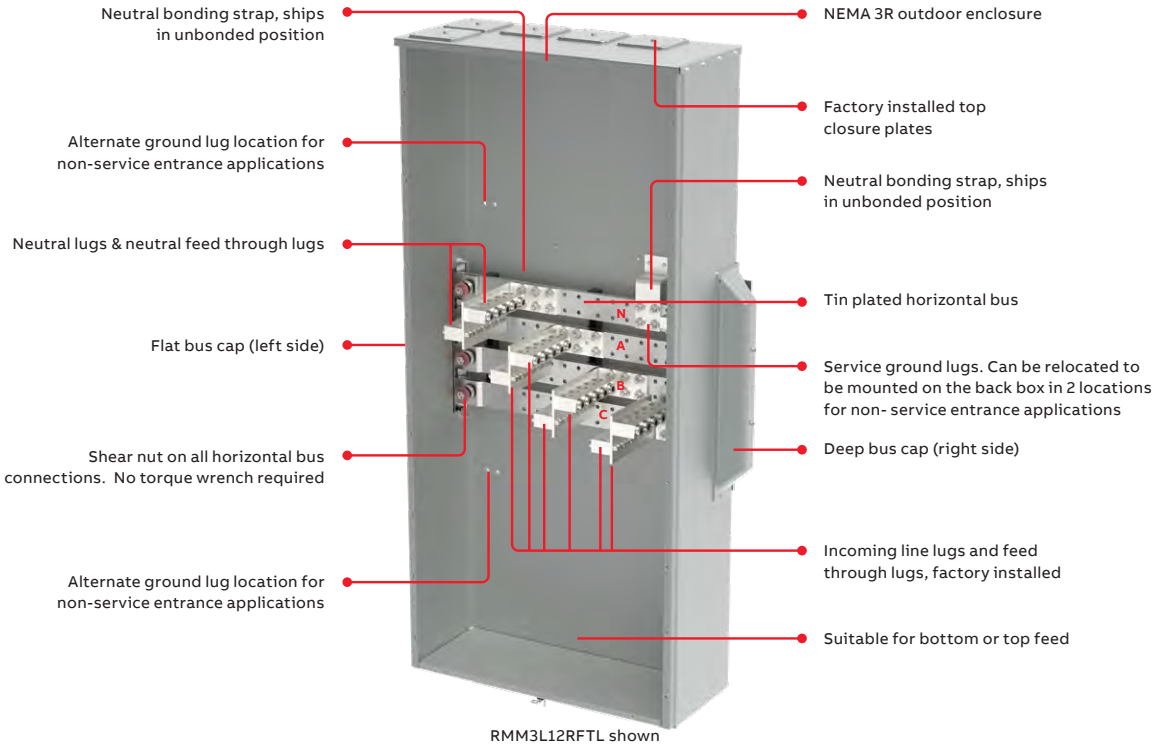
RMM3L6R shown

ReliaMod™

Main modules

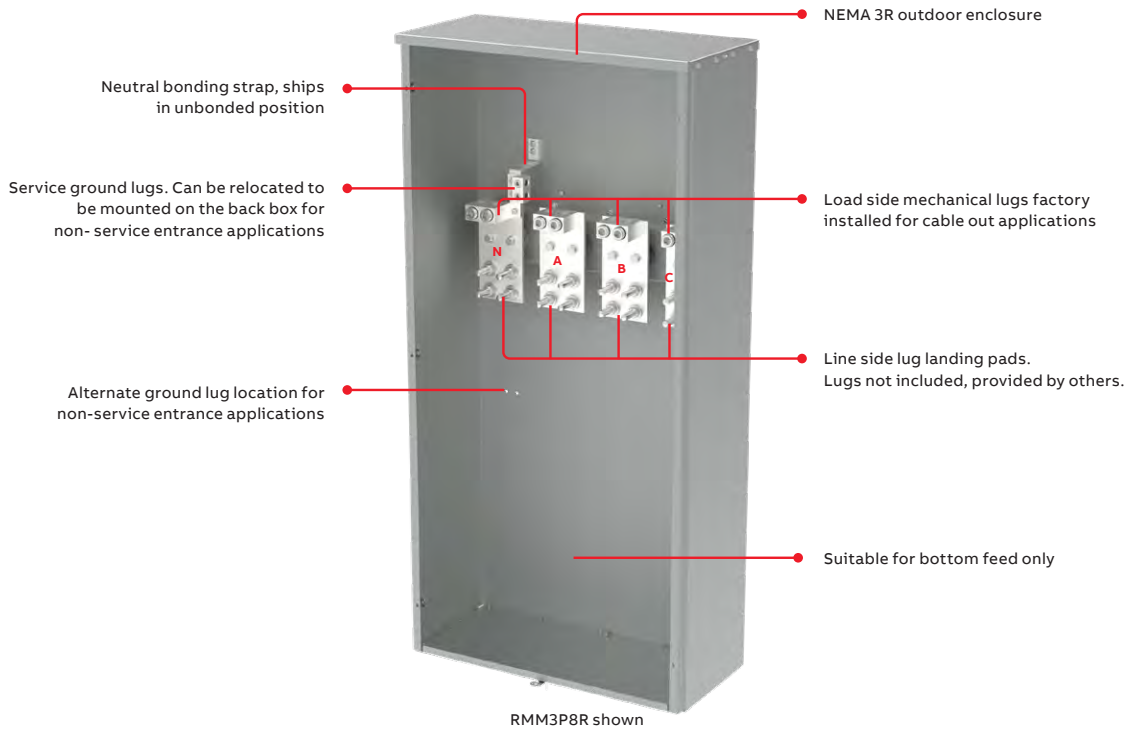
Construction details

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



RMM3L12RFTL shown

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.



RMM3P8R shown

ReliaMod™

Main breaker modules

1600A MCB Module:
RMM1BB16RL

2000A MCB Module:
RMM1BB20RL

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[3]
	100	XT5S					RMM1BH4R[3]
600	65	XT5N			(2) 2/0 - 500	(2) #6-350	RMM1BL6R[3]
	100	XT5S					RMM1BH6R[3]
800	65	XT6N			(3) 2/0 - 400	(2) #6-350	RMM1BL8R[3]
	100	XT6S					RMM1BH8R[3]
1000	65	XT7S	Ekip Dip LS/I		(4) 4/0 - 500	(2) #6-350	RMM1BL10R[3]
	100	XT7H					RMM1BH10R[3]
1200	100	T8V	PR332/P LSI	Bottom	Landing pad has provisions for double hole lugs up to (6) 750 kcmil Cu/Al. Lugs not included, to be provided by others.	(2) #6-350	RMM1BB12RCLL[1,2]
	65	XT7S	Ekip Touch LSI	Top/Bottom	(4) 4/0 - 500		RMM1BL12R[1,3]
	100	XT7H					RMM1BH12R[1,3]
1400	100	T8V	PR332/P LSI	Bottom	Landing pad has provisions for double hole lugs up to (6) 750 kcmil Cu/Al. Lugs not included, to be provided by others.	(2) #6-350	RMM1BB14RCLL[1,2]
					(6) 1/0 - 750		RMM1BB14RL[1,4]
				Top	(4) 1/0 - 750		RMM1BT14R[1,5]
1600				Bottom	Landing pad has provisions for double hole lugs up to (6) 750 kcmil Cu/Al. Lugs not included, to be provided by others.	(2) #6-350	RMM1BB16RCLL[1,2]
					(6) 1/0 - 750		RMM1BB16RL[1,4]
				Top	(4) 1/0 - 750		RMM1BT16R[1,5]
2000				Bottom	Landing pad has provisions for double hole lugs up to (6) 750 kcmil Cu/Al. Lugs not included, to be provided by others.	(2) #6-350	RMM1BB20RCLL[1,2]
					(6) 1/0 - 750		RMM1BB20RL[1,4]

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.

[1]RELT included.
[2]Lug landing pad only. Mechanical lugs not included. Mechanical lugs kit COMING SOON, order through local distributor.
[3]For XT5 and XT6 frame main modules, order kits RXT5LUGKIT750 and RXT6LUGKIT750, each kit include lugs for (2) 500–750 kcmil Cu/Al cables per phase and neutral. For XT7 frame main modules, order RXT7LUGKIT750, which includes lugs for (3) 500–750 kcmil Cu/Al cables per phase and neutral.
[4]This main breaker module comes with (6) cable mechanical lugs per phase and neutral that accept (6) 1/0-750 kcmil Cu/Al cables.
[5]This 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 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

1600A MCB Module:
RMM3BB16RL

2000A MCB Module:
RMM3BB20RL

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[3]
	100	XT5S					RMM3BH4R[3]
600	65	XT5N			(2) 2/0 - 500	(2) #6-350	RMM3BL6R[3]
	100	XT5S					RMM3BH6R[3]
800	65	XT6N			(3) 2/0 - 400	(2) #6-350	RMM3BL8R[3]
	100	XT6S					RMM3BH8R[3]
1000	65	XT7S	Ekip Dip LS/I		(4) 4/0 - 500	(2) #6-350	RMM3BL10R[3]
	100	XT7H					RMM3BH10R[3]
1200	100	T8V	PR332/P LSI	Bottom	Landing pad has provisions for double hole lugs up to (6) 750 kcmil Cu/Al. Lugs not included, to be provided by others.	(2) #6-350	RMM3BB12RCLL[1,2]
	65	XT7S	Ekip Touch LSI	Top/Bottom	(4) 4/0 - 500		RMM3BL12R[1,3]
	100	XT7H					RMM3BH12R[1,3]
1400	100	T8V	PR332/P LSI	Bottom	Landing pad has provisions for double hole lugs up to (6) 750 kcmil Cu/Al. Lugs not included, to be provided by others.	(2) #6-350	RMM3BB14RCLL[1,2]
					(6) 1/0 - 750		RMM3BB14RL[1,4]
				Top	(4) 1/0 - 750		RMM3BT14R[1,5]
1600				Bottom	Landing pad has provisions for double hole lugs up to (6) 750 kcmil Cu/Al. Lugs not included, to be provided by others.	(2) #6-350	RMM3BB16RCLL[1,2]
					(6) 1/0 - 750		RMM3BB16RL[1,4]
				Top	(4) 1/0 - 750		RMM3BT16R[1,5]
2000				Bottom	Landing pad has provisions for double hole lugs up to (6) 750 kcmil Cu/Al. Lugs not included, to be provided by others.	(2) #6-350	RMM3BB20RCLL[1,2]
					(6) 1/0 - 750		RMM3BB20RL[1,4]

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.

[1]RELT included.
[2]Lug landing pad only. Mechanical lugs not included. Mechanical lugs kit COMING SOON, order through local distributor.
[3]For XT5 and XT6 frame main modules, order kits RXT5LUGKIT750 and RXT6LUGKIT750, each kit include lugs for (2) 500–750 kcmil Cu/Al cables per phase and neutral. For XT7 frame main modules, order RXT7LUGKIT750, which includes lugs for (3) 500–750 kcmil Cu/Al cables per phase and neutral.
[4]This main breaker module comes with (6) cable mechanical lugs per phase and neutral that accept (6) 1/0-750 kcmil Cu/Al cables.
[5]This 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 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[1,2]

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	Landing pad has provisions for double hole lugs up to (1) 750 kcmil Cu/Al. Lugs not included, to be provided by others.	(2) #6-350	RMM1BEL4R
	100	XT5S					RMM1BEH4R
600	65	XT5N			Landing pad has provisions for double hole lugs up to (2) 750 kcmil Cu/Al. Lugs not included, to be provided by others.		RMM1BEL6R
	100	XT5S					RMM1BEH6R
800	65	XT6N					RMM1BEL8R
	100	XT6S					RMM1BEH8R
1000	65	XT7S	Ekip Dip LS/I		Landing pad has provisions for double hole lugs up to (3) 750 kcmil Cu/Al. Lugs not included, to be provided by others.		RMM1BEL10R
	100	XT7H					RMM1BEH10R
1200	65	XT7S	Ekip Touch LSI				RMM1BEL12R[3]
	100	XT7H					RMM1BEH12R[3]

1200A MCB Module:
RMM3BEL12R

EUSERC main breaker: w/ pull box, 3-phase 4 wire 208Y/120Vac or 3-phase 4 wire 120/240Vac delta hi-leg[1,2]

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	Landing pad has provisions for double hole lugs up to (1) 750 kcmil Cu/Al. Lugs not included, to be provided by others.	(2) #6-350	RMM3BEL4R
	100	XT5S					RMM3BEH4R
600	65	XT5N			Landing pad has provisions for double hole lugs up to (2) 750 kcmil Cu/Al. Lugs not included, to be provided by others.		RMM3BEL6R
	100	XT5S					RMM3BEH6R
800	65	XT6N					RMM3BEL8R
	100	XT6S					RMM3BEH8R
1000	65	XT7S	Ekip Dip LS/I		Landing pad has provisions for double hole lugs up to (3) 750 kcmil Cu/Al. Lugs not included, to be provided by others.		RMM3BEL10R
	100	XT7H					RMM3BEH10R
1200	65	XT7S	Ekip Touch LSI				RMM3BEL12R[3]
	100	XT7H					RMM3BEH12R[3]

[1]These main breaker modules conform to EUSERC drawings 315, 345, and 347. However, for EUSERC applications please check with local utility requirements to ensure 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.
[2]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.
[3]RELT included.

ReliaMod™

Main breaker trip unit summary

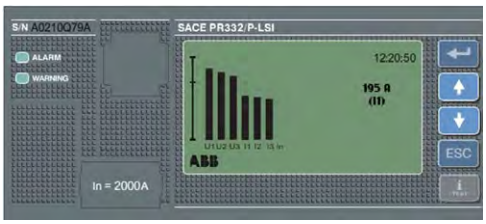
Below is a summary of the trip units that will come in any main breaker module available in the ReliaMod™ modular metering offering.

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	

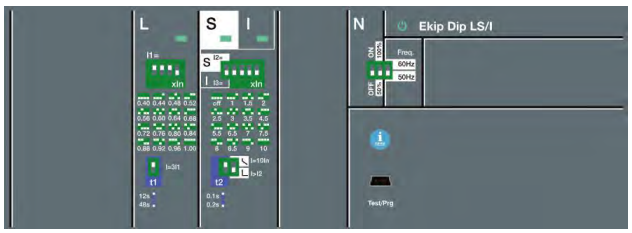
[1]All 1200A and above breaker trip units will automatically be provided with Arc Reduction (RELT) to comply with NEC 240.87.

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

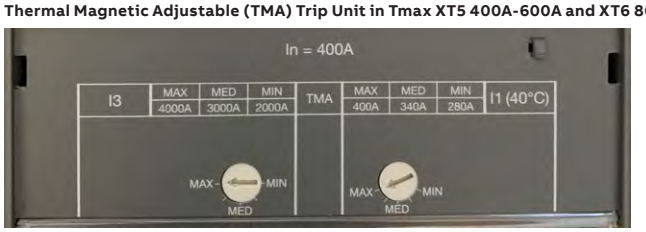


Ekip Touch LSI Trip Unit in Tmax XT7 Frame in 1200A Main Breaker Modules (RELT Included)

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.

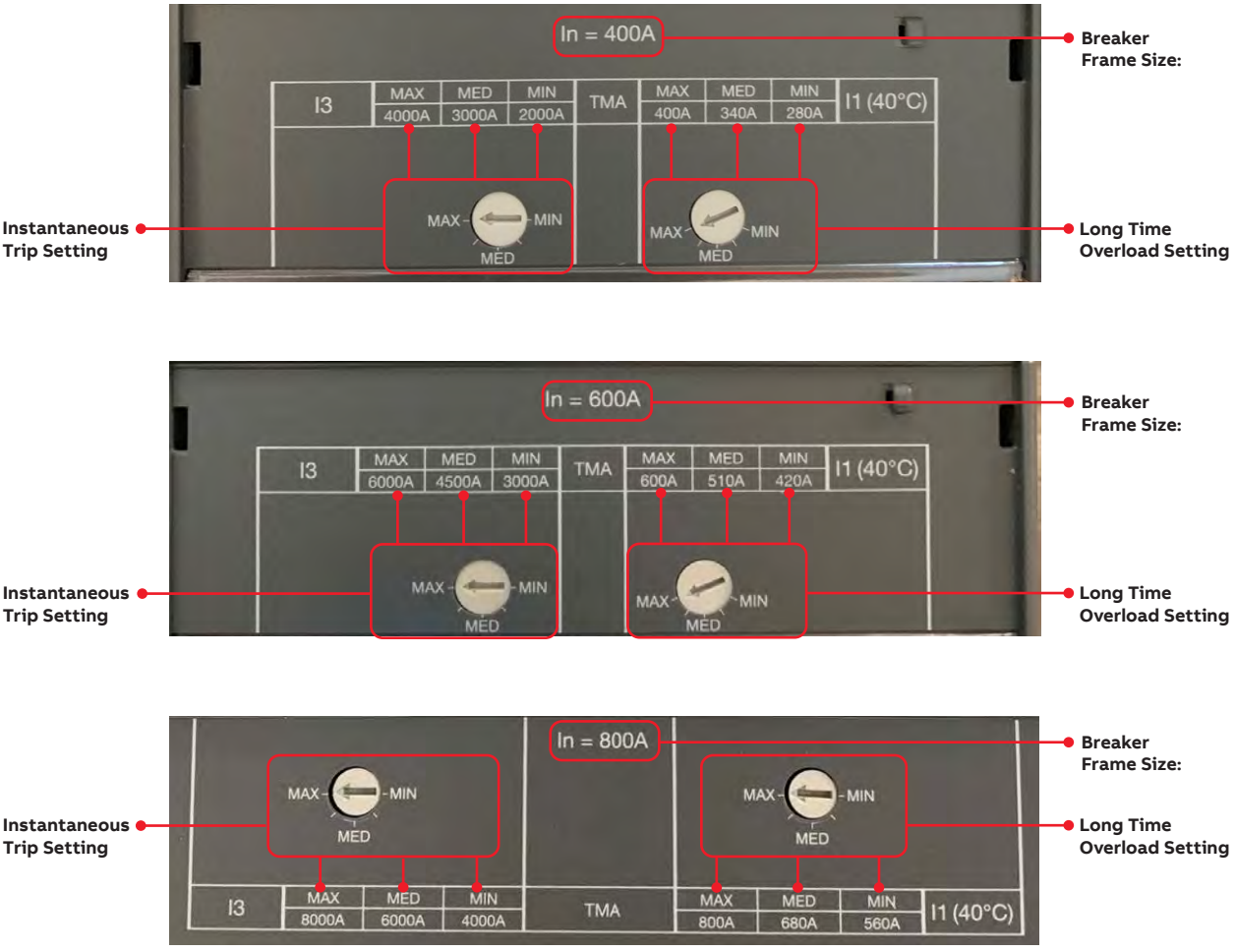
Tmax XT breakers with TMA (Thermal Mag Adjustable) trip units have an adjustable long time overload protection setting of Max, Medium, and Min. The Max setting is the breaker frame rating. So if you have a 400A XT5 breaker at max, the long-time overload is 400A. From there, you go down 15% from the 400A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



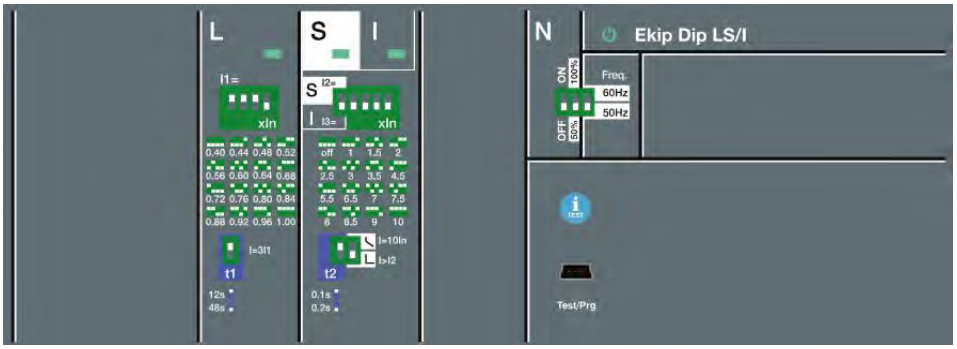
ReliaMod™

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 * 1200A frame = 700A

This gives you maximum adjustably 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)

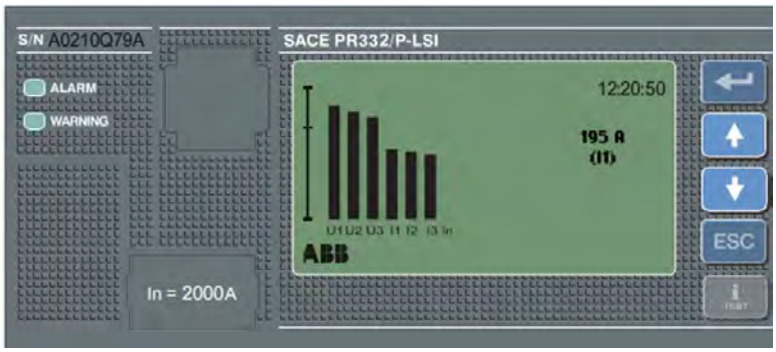
All ReliaMod™ 1400A, 1600A, and 2000A main breaker modules come with a T8 frame circuit breaker with a digital PR332/P LSI trip unit and RELT. This trip unit has fully adjustable and independent long-time, short-time, and instantaneous protection settings. The adjustable long-time overload setting can 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.

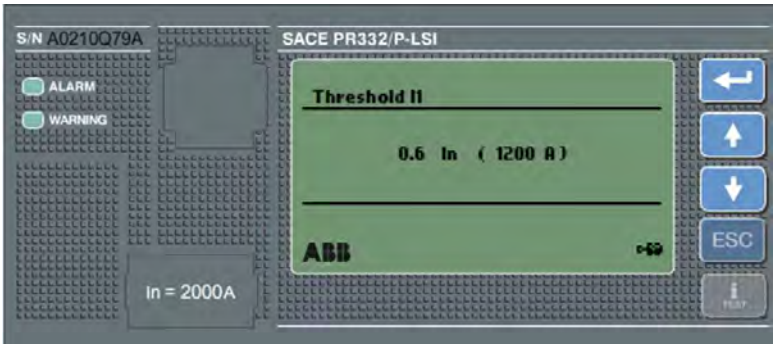
For example:

- 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 * 2000A 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 * 1600A frame = 1200A

This gives you maximum adjustably 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





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		RMM1F8R[1]

Main fusible switch: 3-phase 4 wire 208Y/120Vac or 3-phase 4 wire 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		RMM3F8R[1]

800A MFS Module:
RMM3FE8RCLL

EUSERC main fusible switch w/ pull box: 1-phase 3 wire 120/240Vac, Class T fuses not included, order separately[2]

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	RMM1FE4RCLL
600			XT6-D		Lug landing pad accepts up to 2 wire landings per phase & neutral. Lugs not included, to be provided by others.		RMM1FE6RCLL
800			XT7-D				RMM1FE8RCLL

EUSERC main fusible switch w/ pull box: 3-phase 4 wire, 208Y/120Vac or 3-phase 4 wire 120/240Vac delta hi-leg, Class T fuses not included, order separately[2]

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	RMM3FE4RCLL
600			XT6-D		Lug landing pad accepts up to 2 wire landings per phase & neutral. Lugs not included, to be provided by others.		RMM3FE6RCLL
800			XT7-D				RMM3FE8RCLL

[1] For 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.

[2] 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.

ReliaMod™

Main lug modules[1,2]

600A MLO Module:
RMM3L6R

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[3]
600			(2) 250-750 or (4) 3/0 - 250		RMM1L6R[3]
800			(3) 250-750 or (6) 3/0-250		RMM1L8R[3]
1200			(3) 250-750 or (6) 3/0-250		RMM1L12R[3]
1600			(8) 250-750 or (16) 3/0-250		RMM1L16R[3]
2000			(8) 250-750 or (16) 3/0 - 250		RMM1L20R[3]

Main lug modules: 3-phase 4 wire 208Y/120Vac or 3-phase 4 wire 120/240Vac 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[3]
600			(2) 250-750 or (4) 3/0 - 250		RMM3L6R[3]
800			(3) 250-750 or (6) 3/0-250		RMM3L8R[3]
1200			(3) 250-750 or (6) 3/0-250		RMM3L12R[3]
1600			(8) 250-750 or (16) 3/0-250		RMM3L16R[3]
2000			(8) 250-750 or (16) 3/0 - 250		RMM3L20R[3]

1200A MLO
Feed Through Module:
RMM3L12RFTL

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[3]
1600			(8) 250-750 or (16) 3/0 - 250	(8) 250-750 or (16) 3/0 - 250		RMM1L16RFTL[3]
2000			(8) 250-750 or (16) 3/0 - 250	(8) 250-750 or (16) 3/0 - 250		RMM1L20RFTL[3]

Main lug modules with feed through lugs: 3-phase 4 wire 208Y/120Vac or 3-phase 4 wire 120/240Vac 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[3]
1600			(8) 250-750 or (16) 3/0 - 250	(8) 250-750 or (16) 3/0 - 250		RMM3L16RFTL[3]
2000			(8) 250-750 or (16) 3/0 - 250	(8) 250-750 or (16) 3/0 - 250		RMM3L20RFTL[3]

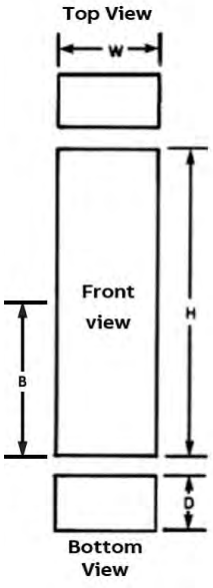
[1]If you are using any type of ABB ReliaMod™ main lug module in a service entrance application, you will need to have a main disconnect in front of it to comply with NEC 2020 service disconnect barrier and finger safe requirements. ABB ReliaMod™ meter stacks do not have barriers between tenant breakers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

[2]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.

[3]All incoming/outgoing factory installed equipment ground lugs may be up sized. Order kit RMMGNDKIT350 (#6-350 kcmil lugs, AL/Cu) or RMMGNDKIT600 (2/0-600 kcmil lugs, AL/Cu) for oversized cabling. The kits are supplied with (4) lugs each and a mounting bracket. See instruction guide 1TQC133000E0060 which provides the recommended lug kit for each MLO or MLO/FTL main module and mounting instructions.

ReliaMod™

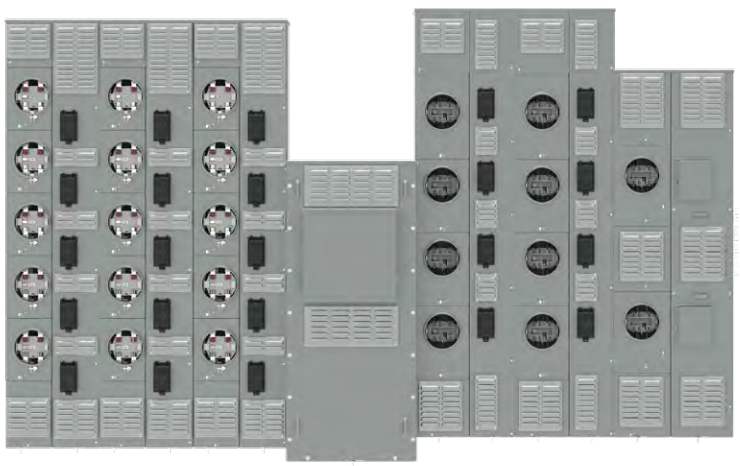
Main module dimensions[1]



B = bus centerline height

Main module dimensional data

Main module type	Breaker/ switch frame	Ampere rating	Design	Dimensions W (in)	H (in)	D (in)	B = bus centerline height (in)
Main Circuit Breaker (MCB)	XT5	400A	Standard	20.32	47.95	11.22	27.1
			EUSERC, Lug Landing Pad Model	20.32	60.28	11.22	42.5
		600A	Standard	20.32	47.95	11.22	27.1
			EUSERC, Lug Landing Pad Model	25.05	60.28	11.22	43.3
	XT6	800A	Standard	20.32	47.95	11.22	27.1
			EUSERC, Lug Landing Pad Model	25.05	60.28	11.22	43.3
	XT7	1000A	Standard	20.32	47.95	11.22	27.1
			EUSERC, Lug Landing Pad Model	33.60	60.46	11.99	44.5
		1200A	Standard	20.32	47.95	11.22	27.1
			EUSERC, Lug Landing Pad Model	33.60	60.46	11.99	44.5
	T8	1200A	Lug Landing Pad Model	38.13	60.63	24.43	44.7
		1400A	Standard - 4 Cable Lug, Bottom Feed	25.12	57.10	14.89	40.7
			Standard - 4 Cable Lug, Top Feed	25.12	59.15	14.89	20.4
			Standard - 6 Cable Lug, Bottom Feed	25.12	57.10	15.21	40.7
			Lug Landing Pad Model	38.29	60.63	24.17	44.7
		1600A	Standard - 4 Cable Lug, Bottom Feed	25.12	57.10	14.89	40.7
			Standard - 4 Cable Lug, Top Feed	25.12	59.15	14.89	20.4
			Standard - 6 Cable Lug, Bottom Feed	25.12	57.10	15.21	40.7
			Lug Landing Pad Model	38.29	60.63	24.17	44.7
		2000A	Standard - Bottom Feed	38.29	60.63	24.17	44.7
Main Fusible Switch (MFS)	XT5	400A	Standard	20.32	47.95	11.22	23.1
			EUSERC, Lug Landing Pad Model	20.32	60.28	11.22	39.5
	XT6	600A	Standard	20.32	54.88	12.68	27.1
			EUSERC, Lug Landing Pad Model	25.05	65.18	13.03	44.8
	XT7	800A	Standard	20.32	54.88	12.68	26.1
			EUSERC, Lug Landing Pad Model	25.05	65.18	13.03	42.4
Main Lug Only (MLO)	NA	400A	Standard	13.75	47.97	6.50	24.1
		600A	Standard	16.72	47.94	6.50	25.7
		800A	Standard	20.32	47.94	11.22	27.1
		1200A	Standard	20.32	47.94	11.22	27.1
			Feed thru	28.80	60.92	11.82	30.6
		1600A	Standard	33.14	60.83	17.67	30.5
			Feed thru	33.14	60.83	17.67	30.5
		2000A	Standard	33.14	60.83	17.67	30.5
			Feed thru	33.14	60.83	17.67	30.5



ReliaMod™

Main pull box modules[1,2,3,4]

400A Pull Box Module: RMM3P4R

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	Landing pad has provisions for double hole lugs up to (1) 750 kcmil Cu/Al. Lugs not included, to be provided by others.	(1) 250-750 kcmil or (2) 3/0-250 kcmil	N3R Outdoor	RMM1P4R
800			Landing pad has provisions for double hole lugs up to (2) 750 kcmil Cu/Al. Lugs not included, to be provided by others.	(2) 250-750 kcmil or (4) 3/0-250 kcmil		RMM1P8R
1200			Landing pad has provisions for double hole lugs up to (3) 750 kcmil Cu/Al. Lugs not included, to be provided by others.	(4) 250-750 kcmil or (8) 3/0-250 kcmil		RMM1P12R

800A Pull Box Module: RMM3P8R

Main pull box module: 3-phase 4 wire 208Y/120Vac or 3-phase 4 wire 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	Landing pad has provisions for double hole lugs up to (1) 750 kcmil Cu/Al. Lugs not included, to be provided by others.	(1) 250-750 kcmil or (2) 3/0-250 kcmil	N3R Outdoor	RMM3P4R
800			Landing pad has provisions for double hole lugs up to (2) 750 kcmil Cu/Al. Lugs not included, to be provided by others.	(2) 250-750 kcmil or (4) 3/0-250 kcmil		RMM3P8R
1200			Landing pad has provisions for double hole lugs up to (3) 750 kcmil Cu/Al. Lugs not included, to be provided by others.	(4) 250-750 kcmil or (8) 3/0-250 kcmil		RMM3P12R

1200A Pull Box Module: RMM3P12R

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 3-phase 4 wire 120/240Vac 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

[1]Pull boxes do not come with horizontal bussing to directly connect to a main section or meter stacks as they are for lug in, lug out applications. Pull boxes include a line side lug landing pad (lugs not included) and load side mechanical lugs. This 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.
[2]400A and 800A pull box models conform to EUSERC drawings 343 and 347. The 1200A pull box models do not currently meet EUSERC requirements.
[3]Limited to the lowest marked short circuit rating of the main and meter modules used.
[4]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™

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 RMS28612**L**RLR
- 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 RMS28612**H**RLR

This feature allows ABB meter stacks to be much more flexible in design based on the specific kAIC of the application. It is important to understand your application up front including the specific kAIC needs and which combination of breakers can be series rated. The ABB publication DET008 can assist in selecting the appropriate meter stacks and tenant breakers for the application. The modular metering configurator in ABB empower can assist in the correct product selection. Please see the ReliaMod™ meter stack family summary below along with the allowable tenant breaker for each meter stack style.

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 Only accepts THQL tenant breakers 10-22 kAIC[1]	TEY style Only accepts ReliaMod™ TEY-MM tenant breakers 42-100 kAIC	Formula style Only accepts ReliaMod™ Formula A1/A2 tenant breakers 10-22 kAIC[2]	XT3/XT4 style Only accepts ReliaMod™ Tmax XT3/XT4 (TMF) tenant breakers 42-100 kAIC	XT3/XT4 style Only accepts ReliaMod™ Tmax XT3/XT4 (TMF) tenant breakers 42-100 kAIC	XT5 factory installed 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

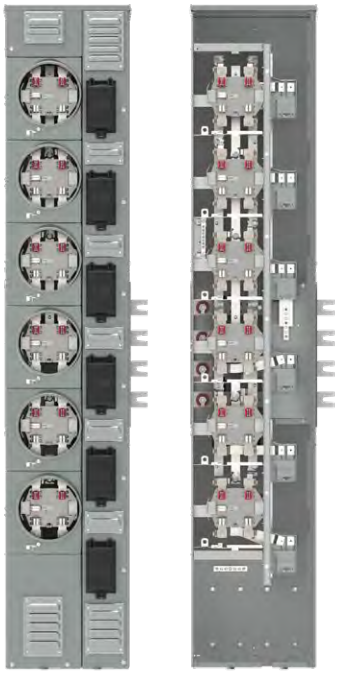
[1]Though the tenant breaker provision in these stacks accommodates a 10 or 22 kAIC fully rated THQL/THHQL/THHQL-RM breaker, you can series rate the breakers within these stacks to 65 or 100 kAIC depending on the breaker combinations you are using. Please refer to the series rating section of the BuyLog or ABB publication DET008 for more info on series rating tenant breakers for ReliaMod™.

[2]Though the tenant breaker provision in these stacks accommodates a 10 or 22 kAIC fully rated Formula A1 or A2 breaker, you can series rate the breakers within these stacks to 65 or 100 kAIC depending on the breaker combinations you are using. Please refer to the series rating section of the BuyLog or ABB publication DET008 for more info on series rating tenant breakers for ReliaMod™.

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.
- ReliaMod™ residential sockets are offered in 125A and 225A models. For 400A sockets please refer to ReliaMod™ commercial sockets with lever bypass.
- 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 single phase-in residential meter stacks are supplied with 4 jaw meter sockets (5th jaw kit available for field installation)
- All three phase-in type residential meter stacks include a 5th jaw factory installed.
- Series ratings are available from main breakers to tenant breakers (See DET008 for more information on series ratings)
- Tenant breakers are offered fully rated up to 100 kAIC in both 125A and 225A sockets.
- All tenant breakers include factory-installed load lugs for fast connections.
- All mains and stacks are supplied with wall rails to mount to the wall, and rail brackets mounted to the enclosure.
- Meter stacks are offered in both 800A cross bus and 1200A cross bus versions for flexibility. Both versions have identical connection points.
- 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.
- Single phase “RGN” socket type stacks, have a neutral test point and bolt-on cover. No other changes in form, fit, and function, when compared to “RG” socket type stacks.
- All XT3 and XT4 tenant breakers for ReliaMod™ 225A socket meter stacks come with thermal magnetic fixed (TMF) trip units.
- 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™

Meter stack modules - residential

Ordering code construction

Ordering code construction - residential meter stack

R	MS	2	8	2	12	L	RL	R

ABB ReliaMod identification

Type

MS = Meter Stack Module (US)

Phase type

1 = 1 Phase In 1 Phase Out (4 Jaw)

2 = 3 Phase in 1 Phase Out (5 Jaw)

Horizontal bus rating

8 = 800A

12 = 1200A

# of sockets

2 - 6 (125A Sockets)

1 - 5 (225A Sockets)

Socket rating

12 = 125A

22 = 225A

Socket AIC range

L = Resi Stacks: 10-22K (125A, 225A)

H = Resi Stacks: 42-100K (125A, 225A)

Socket type

RL = Ringless Type

RG = Ring Type

RGX = Ring Type, 10" Spacing and Bolt-on Cover

RGN = Ring Type, Neutral Test Point and Bolt-on Cover

RGB = Ring Type, Bolt-on Cover

HB = Horn Bypass

Additional features

R = NEMA Type 3R Rainproof

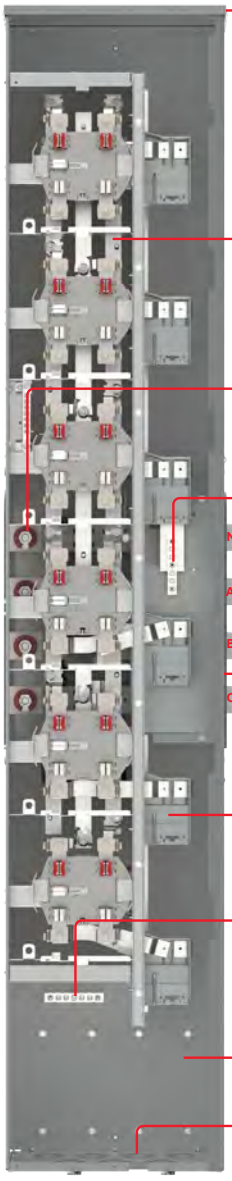
Please **Note:** ABB ReliaMod™ horizontal bus does not match up to GE Meter Mod III horizontal bus, so any ReliaMod™ section cannot be connected to any GE Meter Mod III section and vice versa without a bus transition adapter section. Please refer to the ReliaMod™ bus transition adapter page of the BuyLog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

ReliaMod™

Meter stack modules - 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



NEMA 3R outdoor enclosure

Vertical bus

Shear nut on all horizontal bus connections. No torque wrench required

Neutral lug assembly

Tin plated horizontal bus

Provision for bus caps on left and right sides (bus caps not included). Bus caps provided on all main modules.

Tenant breaker provision

Factory installed equipment ground bar in the bottom compartment that is moveable to the top compartment as needed for convenience

Removable back knockout plate for easy wiring

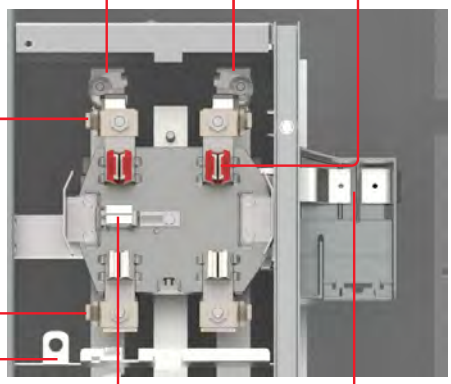
Multiple concentric bottom knockouts for easy wiring

RMS28612HRLR shown

Rotatable phase straps to the vertical bus for easily field phase balancing on each individual socket

Horn bypass included on line/ load jaws for select models

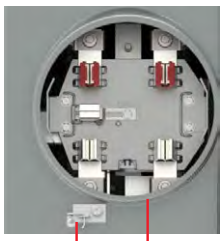
Line side meter jaw shrouds



Barrel lock provision on all ringless models

5th jaw factory installed in 9 o'clock position on all three phase-in models. Single phase-in models come with 4 jaws standard, but a 5th jaw can be added in the field using a ReliaMod™ 5th jaw kit.

Tenant breaker provision



Ringless type socket cover

Ring type socket cover (with stainless steel sealing ring)

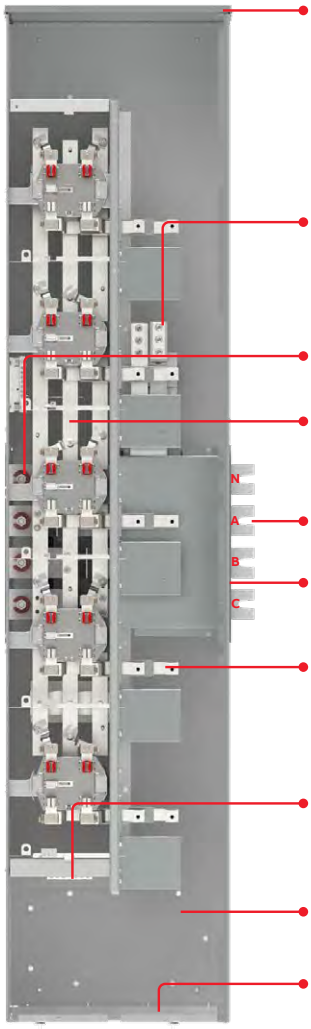
Stainless steel latch/hasp on all ringless models

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



NEMA 3R outdoor enclosure

Neutral lug assembly

Shear nut on all horizontal bus connections. No torque wrench required

Vertical bus

Tin plated horizontal bus

Provision for bus caps on left and right sides (bus caps not included). Bus caps provided on all main modules.

Tenant breaker provision

Factory installed equipment ground bar in the bottom compartment that is moveable to the top compartment as needed for convenience

Removable back knockout plate for easy wiring

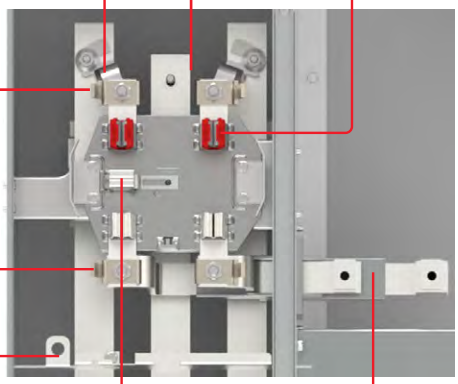
Multiple concentric bottom knockouts for easy wiring

RMS28522HRLR shown

Rotatable phase straps to the vertical bus for easily field phase balancing on each individual socket

Horn bypass included on line/ load jaws for select models

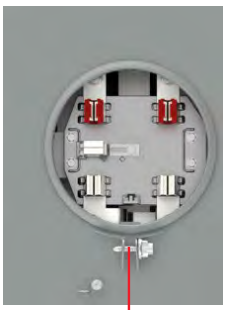
Line side meter jaw shrouds



Barrel lock provision on all ringless models

5th jaw factory installed in 9 o'clock position on all three phase-in models. Single phase-in models come with 4 jaws standard, but a 5th jaw can be added in the field using a ReliaMod™ 5th jaw kit.

Tenant breaker provision



Ringless type socket cover

Ring type socket cover (with stainless steel sealing ring)

Stainless steel latch/hasp on all ringless models

ReliaMod™

Meter stack modules - residential, 800A cross bus

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	Ringless type socket horn bypass	Ring type socket	Ring type socket, 10" spacing	Ring type socket bolt-on covers[1]	Factory installed jaw configuration	Special features
125	1-Phase in, 1-Phase out	10, 22[2]	2	RMS18212LRLR	RMS18212LHBR	RMS18212LRGR	-	RMS18212LRGNR	4-jaw	Only accepts THQL/THHQL/ THHQL-RM Tenant Breakers
			3	RMS18312LRLR	RMS18312LHBR	RMS18312LRGR	-	RMS18312LRGNR		
			4	RMS18412LRLR	RMS18412LHBR	RMS18412LRGR	-	RMS18412LRGNR		
			5	RMS18512LRLR	RMS18512LHBR	RMS18512LRGR	-	RMS18512LRGNR		
			6	RMS18612LRLR	RMS18612LHBR	RMS18612LRGR	-	-		
		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	-	-		
	3-Phase in, 1-Phase out	10, 22[2]	2	RMS28212LRLR	RMS28212LHBR	RMS28212LRGR	-	-	5-jaw	Only accepts THQL/THHQL/ THHQL-RM Tenant Breakers
			3	RMS28312LRLR	RMS28312LHBR	RMS28312LRGR	-	-		
			4	RMS28412LRLR	RMS28412LHBR	RMS28412LRGR	RMS28412LRGXR	-		
			5	RMS28512LRLR	RMS28512LHBR	RMS28512LRGR	RMS28512LRGXR	-		
			6	RMS28612LRLR	RMS28612LHBR	RMS28612LRGR	RMS28612LRGXR	-		
		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	-	-		

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

Socket amps	Application	Tenant breaker provision kAIC	No. of sockets	Ringless type socket	Ringless type socket horn bypass	Ring type socket	Ring type socket, 10" spacing	Ring type socket bolt-on covers[1]	Factory installed jaw configuration	Special features
225	1-Phase in, 1-Phase out	10, 22[2]	2	RMS18222LRLR	RMS18222LHBR	RMS18222LRGR	-	RMS18222LRGNR	4-jaw	Only accepts Formula A1 & A2 Tenant Breaker ReliaMod™ Kits
			3	RMS18322LRLR	RMS18322LHBR	RMS18322LRGR	-	RMS18322LRGNR		
			4	RMS18422LRLR	RMS18422LHBR	RMS18422LRGR	-	RMS18422LRGNR		
			5	RMS18522LRLR	RMS18522LHBR	RMS18522LRGR	-	-		
		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	-	-		
	3-Phase in, 1-Phase out	10, 22[2]	2	RMS28222LRLR	RMS28222LHBR	RMS28222LRGR	-	RMS28222LRGBR	5-jaw	Only accepts Formula A1 & A2 Tenant Breaker ReliaMod™ Kits
			3	RMS28322LRLR	RMS28322LHBR	RMS28322LRGR	-	RMS28322LRGBR		
			4	RMS28422LRLR	RMS28422LHBR	RMS28422LRGR	-	RMS28422LRGBR		
			5	RMS28522LRLR	RMS28522LHBR	RMS28522LRGR	-	-		
		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	-	-		

[1]For ring type sockets with a bolt-on cover: Three phase-in applications have a 5th jaw factory installed, and single phase-in applications have a "neutral test point" factory installed.

[2]Though the tenant breaker provision in these stacks accommodates a 10 or 22 kAIC fully rated breaker, you can series rate the breakers within these stacks to 65 or 100 kAIC depending on the breaker combinations you are using. Please refer to the series rating section of the BuyLog or ABB publication DET008 for more info on series rating tenant breakers for ReliaMod™.

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

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	Ringless type socket horn bypass	Ring type socket	Ring type socket, 10" spacing	Ring type socket bolt-on covers[1]	Factory installed jaw configuration	Special features
125	1-Phase in, 1-Phase out	10, 22[2]	2	RMS112212LRLR	RMS112212LHBR	RMS112212LRGR	-	RMS112212LRGNR	4-jaw	Only accepts THQL/THHQL/ THHQL-RM Tenant Breakers
			3	RMS112312LRLR	RMS112312LHBR	RMS112312LRGR	-	RMS112312LRGNR		
			4	RMS112412LRLR	RMS112412LHBR	RMS112412LRGR	-	RMS112412LRGNR		
			5	RMS112512LRLR	RMS112512LHBR	RMS112512LRGR	-	RMS112512LRGNR		
			6	RMS112612LRLR	RMS112612LHBR	RMS112612LRGR	-	-		
		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	-	-		
	3-Phase in, 1-Phase out	10, 22[2]	2	RMS212212LRLR	RMS212212LHBR	RMS212212LRGR	-	-	5-jaw	Only accepts THQL/THHQL/ THHQL-RM Tenant Breakers
			3	RMS212312LRLR	RMS212312LHBR	RMS212312LRGR	-	-		
			4	RMS212412LRLR	RMS212412LHBR	RMS212412LRGR	RMS212412LRGXR	-		
			5	RMS212512LRLR	RMS212512LHBR	RMS212512LRGR	RMS212512LRGXR	-		
			6	RMS212612LRLR	RMS212612LHBR	RMS212612LRGR	RMS212612LRGXR	-		
		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	-	-		

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

Socket amps	Application	Tenant breaker provision kAIC	No. of sockets	Ringless type socket	Ringless type socket horn bypass	Ring type socket	Ring type socket, 10" spacing	Ring type socket bolt-on covers[1]	Factory installed jaw configuration	Special features
225	1-Phase in, 1-Phase out	10, 22[2]	2	RMS112222LRLR	RMS112222LHBR	RMS112222LRGR	-	RMS112222LRGNR	4-jaw	Only accepts Formula A1 & A2 Tenant Breaker ReliaMod™ Kits
			3	RMS112322LRLR	RMS112322LHBR	RMS112322LRGR	-	RMS112322LRGNR		
			4	RMS112422LRLR	RMS112422LHBR	RMS112422LRGR	-	RMS112422LRGNR		
			5	RMS112522LRLR	RMS112522LHBR	RMS112522LRGR	-	-		
		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	-	-		
	3-Phase in, 1-Phase out	10, 22[2]	2	RMS212222LRLR	RMS212222LHBR	RMS212222LRGR	-	RMS212222LRGBR	5-jaw	Only accepts Formula A1 & A2 Tenant Breaker ReliaMod™ Kits
			3	RMS212322LRLR	RMS212322LHBR	RMS212322LRGR	-	RMS212322LRGBR		
			4	RMS212422LRLR	RMS212422LHBR	RMS212422LRGR	-	RMS212422LRGBR		
			5	RMS212522LRLR	RMS212522LHBR	RMS212522LRGR	-	-		
		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	-	-		

[1]For ring type sockets with a bolt-on cover: Three phase-in applications have a 5th jaw factory installed, and single phase-in applications have a "neutral test point" factory installed.

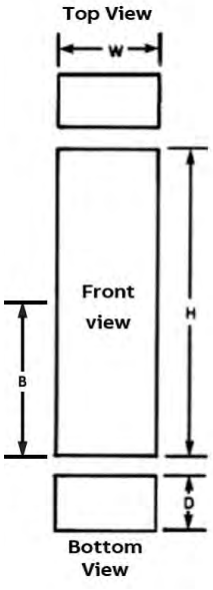
[2]Though the tenant breaker provision in these stacks accommodates a 10 or 22 kAIC fully rated breaker, you can series rate the breakers within these stacks to 65 or 100 kAIC depending on the breaker combinations you are using. Please refer to the series rating section of the BuyLog or ABB publication DET008 for more info on series rating tenant breakers for ReliaMod™.

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

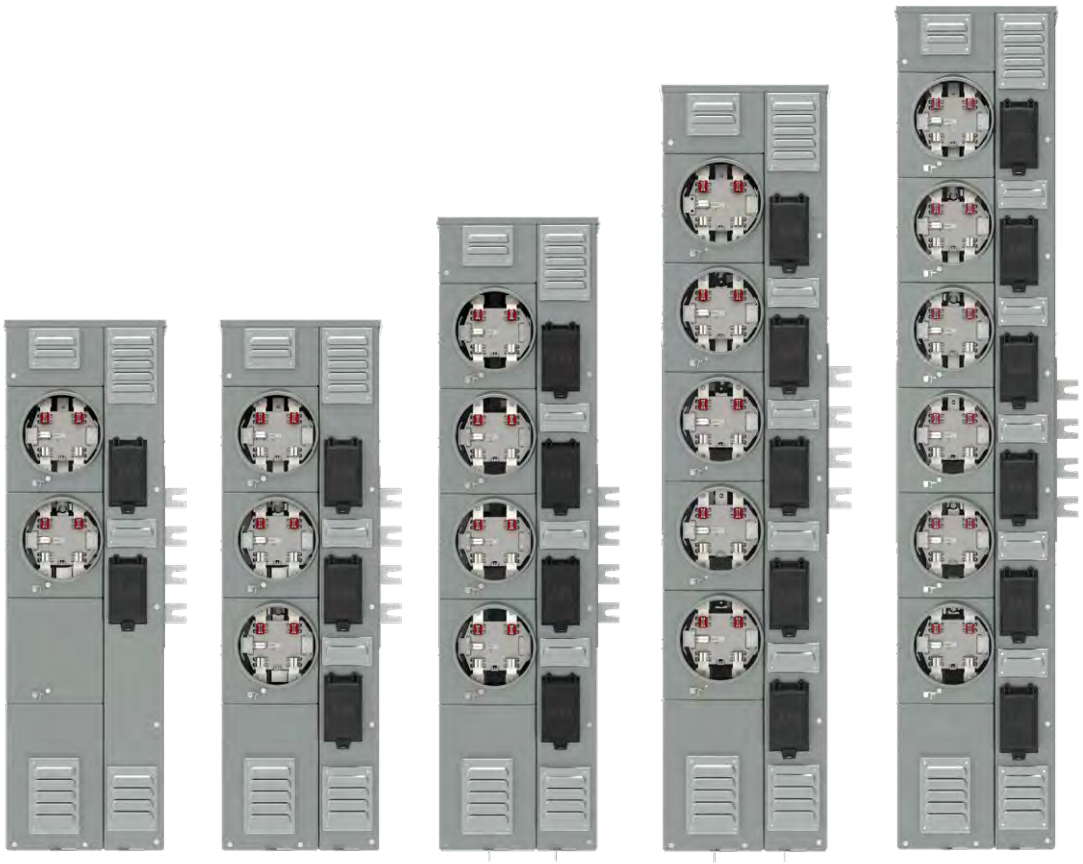


B = bus centerline height

Meter stack dimensional data

Meter stack socket rating	Tenant breaker used	Number of sockets	Dimensions W (in)	H (in)	D (in)	B = bus centerline height (in)
Residential sockets						
125A Residential	THQL, THHQL, THHQL-RM	2	13.53	46.41	8.93	23.6
		3	13.53	46.41	8.93	23.6
		4	13.53	55.41	8.93	23.6
		5	13.53	64.41	8.93	32.6
		6	13.53	73.41	8.93	32.6
125A Residential ("X" Stack)	THQL, THHQL, THHQL-RM	4	13.32	59.54	8.93	32.7
		5	13.32	75.29	8.93	42.7
		6	13.32	79.54	8.93	42.7
125A Residential	TEY	2	13.90	45.16	9.52	25.3
		3	13.90	45.16	9.52	25.3
		4	13.90	54.16	9.52	25.3
		5	13.90	63.16	9.52	34.3
		6	13.90	72.16	9.52	34.3
225A Residential	Formula A1 and A2	2	18.40	59.87	9.61	28.7
		3	18.40	59.87	9.61	28.7
		4	18.40	71.87	9.61	40.7
		5	18.40	83.87	9.61	40.7
	XT3, XT4	2	18.40	57.92	9.61	26.8
		3	18.40	57.92	9.61	26.8
		4	18.40	69.92	9.61	38.8
		5	18.40	81.92	9.61	38.8

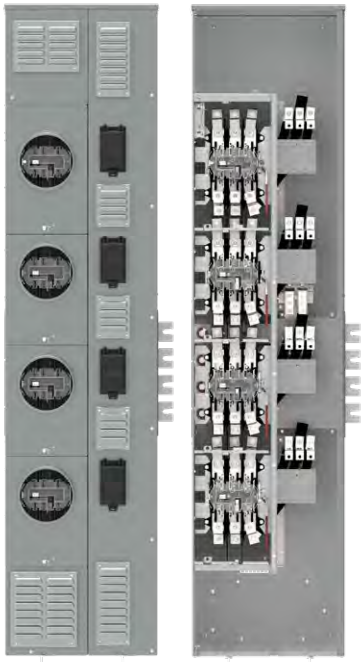
Note: For additional dimensions and technical data please click on the specific ReliaMod™ ordering code hyperlink in this catalog to view its respective outline drawings/spec sheet. These can also be found in ABB empower and the ABB Library.



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 out, or a 7th jaw factory installed if three-phase out. 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 unmetered 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

R	MS	2	12	2	22	CH	LB	R

ABB ReliaMod identification

Type
MS = Meter Stack Module (US)

Phase type
1 = 1 Phase In 1 Phase Out (5 Jaw)
2 = 3 Phase in 1 Phase Out (5 Jaw)
3 = 3 Phase in 3 Phase Out (7 Jaw)

Horizontal bus rating
12 = 1200A

# of sockets
1 - 4 (225A Sockets)
1 - 2 (400A Sockets)

Socket rating
22 = 225A
40 = 400A (Lever Bypass)

Socket AIC range
CH = Comm Stacks: 42-100K (225A, 400A)

Socket type
LB = Lever Bypass

Additional features
R = 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)

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.

225A Socket Lever Bypass
1-4 Gang

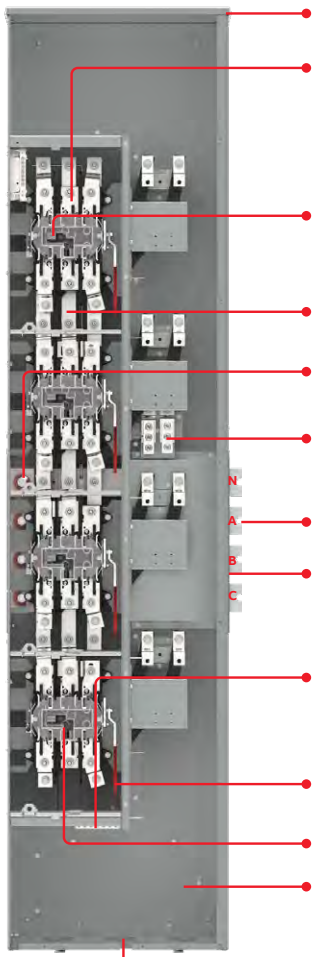
400A Socket Lever Bypass
1-2 Gang

ReliaMod™

Meter stack modules - commercial

Construction details

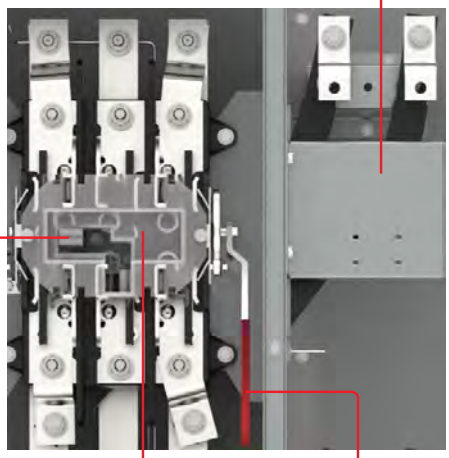
Construction Details: 225A Socket Commercial Meter Stacks
Available in Ringless with Lever Bypass construction
1-4 Gang in 1-Phase or 3-Phase



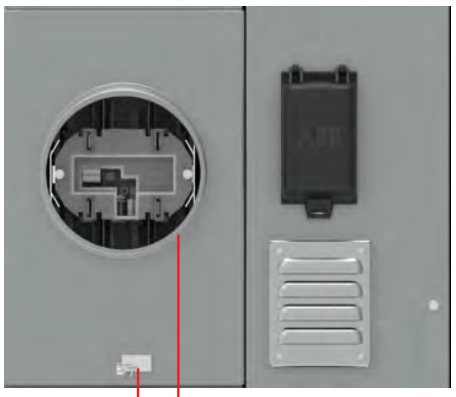
- NEMA 3R outdoor enclosure
- Adjustable phase straps to the vertical bus for easy field phase balancing on each individual socket
- 5th jaw factory installed in 1-Phase models. 7th jaw factory installed in 3-Phase models.
- Vertical bus
- Shear nut on all horizontal bus connections. No torque wrench required
- Neutral lug assembly
- Tin plated horizontal bus
- Provision for bus caps on left and right sides (bus caps not included). Bus caps provided on all main modules.
- Factory installed equipment ground bar in the bottom compartment that is moveable to the top compartment as needed for convenience
- Lever bypass on all commercial sockets
- Safety shield
- Removable back knockout plate for easy wiring
- Multiple concentric bottom knockouts for easy wiring

RMS212422CHLBR shown

- 5th jaw factory installed in 1-Phase out models. 7th jaw factory installed in 3-Phase out models.
- Tenant Breaker provision



- Safety shield standard on all commercial meter stacks
- Lever bypass standard on all commercial meter stacks



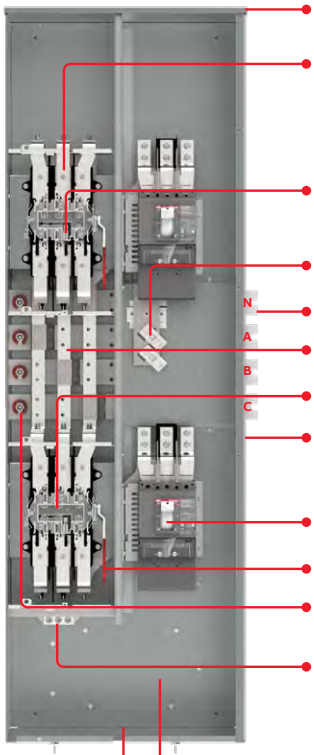
- Ringless meter cover standard on all commercial meter stacks
- Stainless steel latch/hasp on all ringless models

ReliaMod™

Meter stack modules - commercial

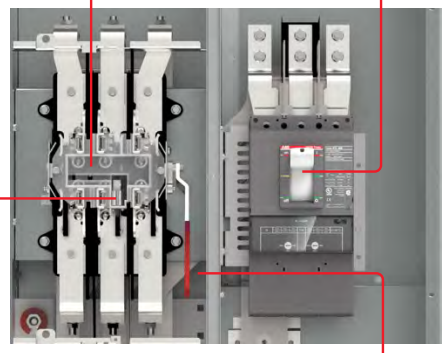
Construction details

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

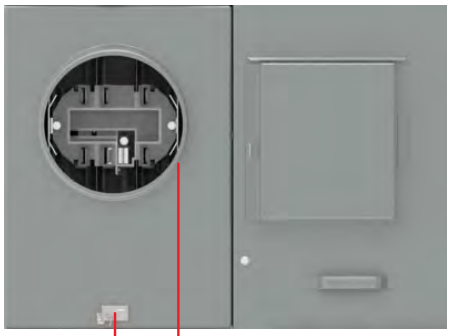


- NEMA 3R outdoor enclosure
- Adjustable phase straps to the vertical bus for easy field phase balancing on each individual socket
- 5th jaw factory installed in 1-Phase out models. 7th jaw factory installed in 3-Phase out models.
- Neutral lug assembly
- Tin plated horizontal bus
- Vertical bus
- Safety shield
- Provision for bus caps on left and right sides (bus caps not included). Bus caps provided on all main modules.
- Factory installed 400A adjustable tenant breaker
- Lever bypass on all commercial sockets
- Shear nut on all horizontal bus connections. No torque wrench required
- Factory installed equipment ground bar in the bottom compartment that is moveable to the top compartment as needed for convenience
- Removable back knockout plate for easy wiring
- Multiple concentric bottom knockouts for easy wiring

RMS312240CHLBRB shown



- Safety shield standard on all commercial meter stacks
- Factory installed 400A adjustable tenant breaker
- 5th jaw factory installed in 1-Phase out models. 7th jaw factory installed in 3-Phase out models.
- Lever bypass standard on all commercial meter stacks



- Ringless meter cover standard on all commercial meter stacks
- Stainless steel latch/hasp on all ringless models

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		
		2		RMS212222CHLBR		
		3		RMS212322CHLBR		
		4		RMS212422CHLBR		
	3-Phase in, 3-Phase out	1		RMS312122CHLBR	7-jaw	
		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) Breakers(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 (TMF) ReliaMod™ tenant breakers, 400A max sum, metered by one socket

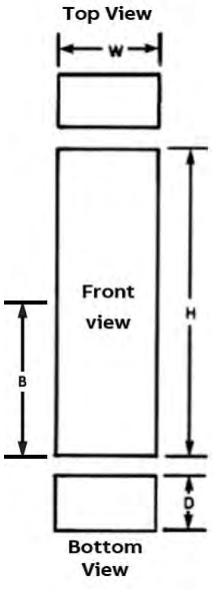
Meter socket tenant neutral lug and tenant ground lug summary (One lug per each socket)

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 installed XT5 tenant breakers for ReliaMod™ 400A meter stacks come with thermal magnetic adjustable (TMA) trip units.

ReliaMod™

Commercial meter stack dimensions

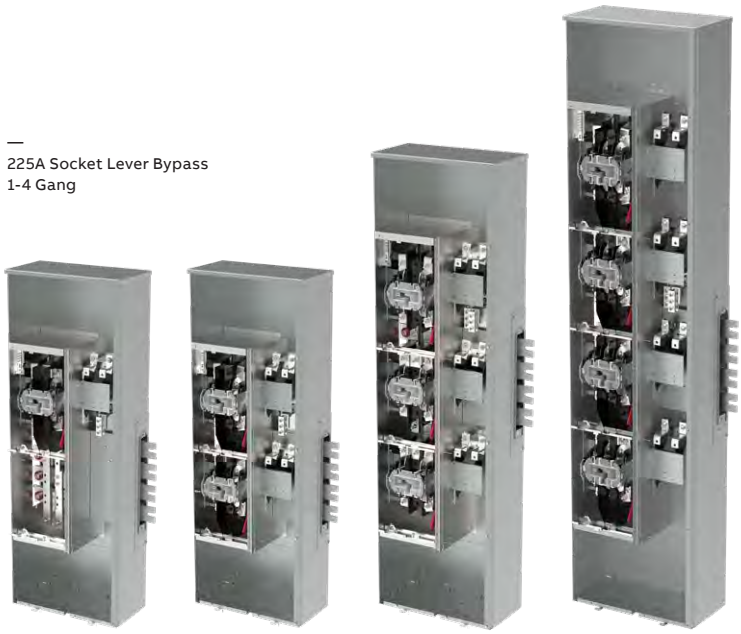


B = bus centerline height

Meter stack dimensional data

Meter stack socket rating	Tenant breaker used	Number of sockets	Dimensions W (in)	H (in)	D (in)	B = bus centerline height (in)
Commercial sockets (with lever-bypass)						
225A Commercial	XT3, XT4	1	19.60	54.05	9.67	21.7
		2	19.60	54.05	9.67	21.7
		3	19.60	68.05	9.67	35.7
		4	19.60	82.05	9.67	35.7
400A Commercial (400A tenant breaker(s))	XT5	1	23.30	42.30	10.80	19.8
		2	23.30	70.30	10.80	37.3
400A Commercial (2x200A tenant breakers max)	XT3, XT4	1	20.10	54.80	10.80	22.1

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

THQL Frame
Tenant Breaker

Ordering code construction - THQL tenant breaker

T	HH	QL	2	1	125	RM

ABB identification

Interrupting rating

H = 10 kAIC
HH = 22 kAIC

Breaker type

QL = Plug in (1" Per Pole)

Poles

2 = 2P

Voltage rating

2 = 120/240 Vac

RM = Breaker has a special 3-tier series rating with ReliaMod™

Amperage

040 = 40A	090 = 90A
050 = 50A	100 = 100A
060 = 60A	110 = 110A
070 = 70A	125 = 125A
080 = 80A	

Ordering code construction - TEY tenant breaker

TEYF	2	125	MM

ABB identification

TEY or TEYF = 65 kAIC @ 240V

Poles

2 = 2P

Amperage

040 = 40A	090 = 90A
050 = 50A	100 = 100A
060 = 60A	110 = 110A
070 = 70A	125 = 125A
080 = 80A	

Application

MM = Modular metering tenant breaker

TEYL	2	125	MM

ABB identification

TEYL = 100 kAIC @ 240V

Poles

2 = 2P

Amperage

040 = 40A	090 = 90A
050 = 50A	100 = 100A
060 = 60A	110 = 110A
070 = 70A	125 = 125A
080 = 80A	

Application

MM = Modular metering tenant breaker

TEY Frame
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 DET008. 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

Formula breaker frame

1 = 40A-100A
2 = 125A-225A

Breaker AIC

A = 10 kAIC @ 240V
N = 25 kAIC @ 240V

Poles

2 = 2P

Voltage rating

2 = 240 Vac

Amperage

040 = 40A	100 = 100A
050 = 50A	125 = 125A
060 = 60A	150 = 150A
070 = 70A	200 = 200A
080 = 80A	225 = 225A
090 = 90A	

Application

RM = ReliaMod™ Meter Stacks

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 DET008. The modular metering configurator in ABB empower can help assist in the correct product selection.

ReliaMod™

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

XT3 Frame
Tenant Breaker

XT4 Frame
Tenant Breaker

Ordering code construction - Tmax XT3/XT4 tenant breaker kit

XT3	N	U	D	200	A	F	J	000	XXX

Tmax tenant breaker frame

XT3 or XT4

Interrupting ratings @ 240V

N = 50 kAIC (XT3 frame only)

S = 65 kAIC, if XT3 frame
100 kAIC, if XT4 frame

Standard UL rating

U = UL 80%

Poles

D = 2P (in a 3P Case)

E = 3P

Amperage

040 = 40A	100 = 100A
050 = 50A	110 = 110A
060 = 60A	125 = 125A
070 = 70A	150 = 150A
080 = 80A	200 = 200A
090 = 90A	225 = 225A

Trip unit

A = TMF (Thermal Magnetic Fixed)

Line side termination (Top)

F = Front Terminals, no line lugs installed

Load side termination (Bottom)

G = (1) 14–1/0 AWG CuAL lugs per phase factory installed

J = (1) 4 AWG–300 kcmil CuAL lugs per phase factory installed

Internal or external accessories

000 = No factory installed accessories

Advanced functionality

XXX = None

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 DET008. 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 installed 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

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

Amps	10 kAIC	22 kAIC	22 kAIC[1]
40	THQL2140	THHQL2140	THHQL2140RM
50	THQL2150	THHQL2150	THHQL2150RM
60	THQL2160	THHQL2160	THHQL2160RM
70	THQL2170	THHQL2170	THHQL2170RM
80	THQL2180	THHQL2180	THHQL2180RM
90	THQL2190	THHQL2190	THHQL2190RM
100	THQL21100	THHQL21100	THHQL21100RM
110	THQL21110	THHQL21110	THHQL21110RM
125	THQL21125	THHQL21125	THHQL21125RM

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 DET008. The modular metering configurator in ABB empower can help assist in the correct product selection.

[1]THHQL-RM tenant breakers are 22 kAIC fully rated at 240V, but also have a UL tested 3-tier series rating of 65 kAIC at 240V in most ReliaMod™ breaker combinations. Please refer to the series rating section of the BuyLog or ABB publication DET008 for more info on THHQL-RM tenant breakers and their 3-tier series ratings.

Formula A1 Frame
Tenant Breaker

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	A2A22225RM	A2N22225RM

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 DET008. The modular metering configurator in ABB empower can help assist in the correct product selection.

Formula A2 Frame
Tenant Breaker

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

Meter stocket type	Breaker frame	Ampere rating	Breaker load lug wire size		Load lug Replacement kit
			Cu	Al	
125A	THQL, THHQL, THHQL-RM	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[2]	40-80	(1) #14-#2	(1) #14-#2	KA1080-2
		90-100	(1) #4-#1	(1) #4-#1	KA1100-2
	Formula A2[2,3]	125-225	(1) #1-300	(1) #1-300	KA2225-2

[2]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.
[3]If 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. **Note:** The KA2250-2 lug kit is only for the load lugs of the Formula A2 breaker and does not include a larger neutral lug for the applicable meter stack.

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 DET008. 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 DET008. 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 installed 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 stocket 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 installed 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 stocket 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 installed 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

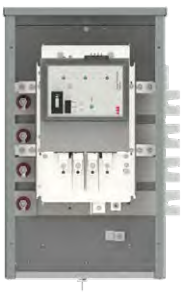
Meter stocket type	Breaker frame	Ampere rating	Breaker load lug wire size		Load lug Replacement kit
			Cu	Al	
225A	XT3	60-90	(1) #14-1/0	(1) #14-1/0	KXT3CUAL1-3PC
		100-225	(1) #4-300	(1) #4-300	KXT3CUAL2-3PC
	XT4	40-90	(1) #14-1/0	(1) #14-1/0	KXT4CUAL1-3PC
		100-225	(1) #4-300	(1) #4-300	KXT4CUAL2-3PC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

ReliaMod™
Accessories[1]

RMM33SURGE

Surge protective device modules[2,5] (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			RMM13SURGE[3]
3-Phase	208Y/120V	130			RMM31SURGE
		200			RMM32SURGE
		300			RMM33SURGE[3]



RMM33SURGE

Surge protective device module dimensions[5]

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

RELBOW316N3R

Inside Corner Elbows[5]

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	RELBOW316N3R
1-Phase or 3-Phase	120/240V or 208Y/120V	12 x 12			RELBOW312N3R

RSPACER3127

Spacer[4]

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

[1]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.
[2]All SPDs are UL1449 listed and come standard with LED Status indicators, audible alarm, and remote monitoring contacts.
[3]300kA per phase models also come with UL1283 EMI/RFI Noise Filtering & Surge Counter.
[4]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.
[5]ReliaMod™ spacers and bus adapters are small enough that they do not require wall rails, and only come with wall swivel brackets for mounting. However, ReliaMod™ pull boxes, surge modules, and elbows come with wall rails as outlined in the above table.

ReliaMod™
Accessories[1]

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.

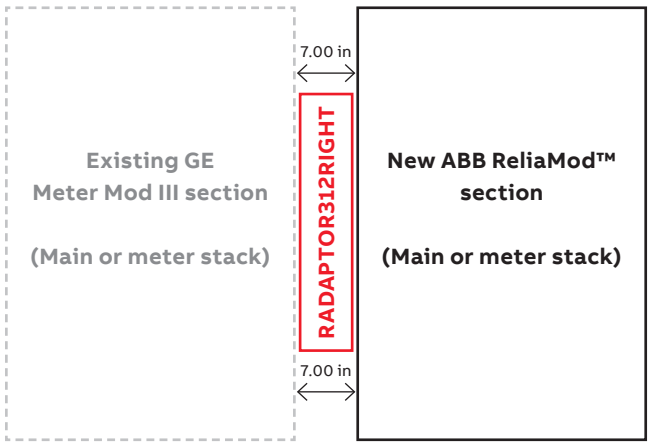
GE Meter Mod III to ABB ReliaMod™ modular metering bus transition adapters[2]

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	7.00	N3R Outdoor	1200	RADAPTOR312RIGHT
1-Phase or 3-Phase	120/240V or 208Y/120V	Left only	7.00			RADAPTOR312LEFT

[1]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.
[2]ReliaMod™ spacers and bus adapters are small enough that they do not require wall rails, and 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.

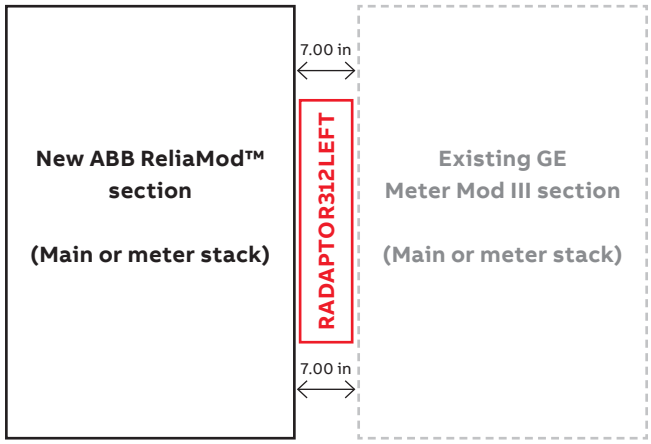
Right side connection bus adapter application

RADAPTOR312RIGHT



Left side connection bus adapter application

RADAPTOR312LEFT



ReliaMod™
Accessories

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

		ReliaMod™ product										
		Main modules							Meter modules	Accessories		
Wall rail replacement kit Ordering code	Wall rail width (in)	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)

		ReliaMod™ product										
		Main modules							Meter modules	Accessories		
Wall rail replacement kit Ordering code	Wall rail width (in)	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.

ReliaMod™
Accessories

Replacement bottom endwalls, front covers, and top endwalls (with rain caps) **(continued on next page)**

Main module types	Amperage (A)	Replacement kit ordering code[1]			
		Bottom endwall	Front covers - 1-phase	Front covers - 3-phase	Top endwall replacement w/rain caps[2]
Main breakers - top and/or bottom fed, 65kAIC, 100kAIC	400	ENDWALL20X11A	FRONTRMM1BL4R	FRONTRMM3BL4R	RMMV412RTEK
			FRONTRMM1BH4R	FRONTRMM3BH4R	
	600		FRONTRMM1BL6R	FRONTRMM3BL6R	
			FRONTRMM1BH6R	FRONTRMM3BH6R	
	800		FRONTRMM1BL8R	FRONTRMM3BL8R	
			FRONTRMM1BH8R	FRONTRMM3BH8R	
	1000		FRONTRMM1BL10R	FRONTRMM3BL10R	
			FRONTRMM1BH10R	FRONTRMM3BH10R	
	1200		FRONTRMM1BL12R	FRONTRMM3BL12R	
			FRONTRMM1BH12R	FRONTRMM3BH12R	
	1400	ENDWALL25X15	FRONTRMM1BB14RL	FRONTRMM3BB14RL	-
			FRONTRMM1BT14R	FRONTRMM3BT14R	-
			FRONTRMM1BB14R	FRONTRMM3BB14R	-
	1600		FRONTRMM1BB16R	FRONTRMM3BB16R	-
			FRONTRMM1BB16RL	FRONTRMM3BB16RL	-
			FRONTRMM1BT16R	FRONTRMM3BT16R	-
	2000	ENDWALL38X24	FRONTRMM1BB20RL, TFRMM1BB20RL	FRONTRMM3BB20RL, TFRMM3BB20RL	-
Main breakers - with lug landing pads	1200	ENDWALL38X24	FNTRMM1BB12RCLL, TFRMM1BB12RCLL	FNTRMM3BB12RCLL, TFRMM3BB12RCLL	-
	1400		FNTRMM1BB14RCLL, TFRMM1BB14RCLL	FNTRMM3BB14RCLL, TFRMM3BB14RCLL	-
	1600		FNTRMM1BB16RCLL, TFRMM1BB16RCLL	FNTRMM3BB16RCLL, TFRMM3BB16RCLL	-
	2000		FNTRMM1BB20RCLL, TFRMM1BB20RCLL	FNTRMM3BB20RCLL, TFRMM3BB20RCLL	-
EUSERC - main breaker with integral pull box	400	ENDWALL20X11B	FRONTRMM1BEL4R, TFRMM1BEL4R	FRONTRMM3BEL4R, TFRMM3BEL4R	-
			FRONTRMM1BEH4R, TFRMM1BEH4R	FRONTRMM3BEH4R, TFRMM3BEH4R	-
	600	ENDWALL25X11	FRONTRMM1BEL6R, TFRMM1BEL6R	FRONTRMM3BEL6R, TFRMM3BEL6R	-
			FRONTRMM1BEH6R, TFRMM1BEH6R	FRONTRMM3BEH6R, TFRMM3BEH6R	-
	800		FRONTRMM1BEL8R, TFRMM1BEL8R	FRONTRMM3BEL8R, TFRMM3BEL8R	-
			FRONTRMM1BEH8R, TFRMM1BEH8R	FRONTRMM3BEH8R, TFRMM3BEH8R	-
	1000	ENDWALL33X12	FRONTRMM1BEL10R, TFRMM1BEL10R	FRONTRMM3BEL10R, TFRMM3BEL10R	-
			FRONTRMM1BEH10R, TFRMM1BEH10R	FRONTRMM3BEH10R, TFRMM3BEH10R	-
	1200		FRONTRMM1BEL12R, TFRMM1BEL12R	FRONTRMM3BEL12R, TFRMM3BEL12R	-
			FRONTRMM1BEH12R, TFRMM1BEH12R	FRONTRMM3BEH12R, TFRMM3BEH12R	-
EUSERC - Main Fusible Switch (MFS) with integral pull box	400	ENDWALL20X11B	FRNTRMM1FE4RCLL, TFRMM1FE4RCLL	FRNTRMM3FE4RCLL, TFRMM3FE4RCLL	-
	600	ENDWALL25X13	FRNTRMM1FE6RCLL, TFRMM1FE6RCLL	FRNTRMM3FE6RCLL, TFRMM3FE6RCLL	-
	800		FRNTRMM1FE8RCLL, TFRMM1FE8RCLL	FRNTRMM3FE8RCLL, TFRMM3FE8RCLL	-

[1]When ordering a bottom endwall or top endwall (with rain caps), the phase of the main module is not relevant. However, the phase is critical when ordering the front cover, as its design varies accordingly. Some front covers are two-piece assemblies and require both ordering codes to be purchased.

[2]Main modules types with top endwall replacement kits have solid top endwalls factory installed with no rain caps. If no top endwall replacement is listed for a main module type, then there is not an option available to order.

(continued on next page)

ReliaMod™
Accessories

Replacement bottom endwalls, front covers, and top endwalls (with rain caps) (continued)

Main module types	Amperage (A)	Replacement kit ordering code[1]			
		Bottom endwall	Front covers - 1-phase	Front covers - 3-phase	Top endwall replacement w/rain caps[2]
Main lug only	400	ENDWALL14X7	FRONTRMM1L4R	FRONTRMM3L4R	RMML4RTEK
	600	ENDWALL17X7	FRONTRMM1L6R	FRONTRMM3L6R	RMML6RTEK
	800	ENDWALL20X11A	FRONTRMM1L8R	FRONTRMM3L8R	RMMV412RTEK
	1200		FRONTRMM1L12R	FRONTRMM3L12R	
	1600	ENDWALL33X18	FRONTRMM1L16R	FRONTRMM3L16R	RMML1620RTEK
	2000		FRONTRMM1L20R	FRONTRMM3L20R	RMML1620RTEK
Main lug only w/feed thru lugs	1200	ENDWALL29X12	FRNTRMM1L12RFTL	FRNTRMM3L12RFTL	-
	1600	ENDWALL33X18	FRNTRMM1L16RFTL	FRNTRMM3L16RFTL	-
	2000	ENDWALL33X18	FRNTRMM1L20RFTL	FRNTRMM3L20RFTL	-
MFS module	400	ENDWALL20X11A	FRONTRMM1F4R	FRONTRMM3F4R	RMMV412RTEK
	600	ENDWALL20X13B	FRONTRMM1F6R	FRONTRMM3F6R	RMMF6RTEK
	800	ENDWALL20X13A	FRONTRMM1F8R	FRONTRMM3F8R	RMMF8RTEK
Pull boxes	400	ENDWALLPB400A	FRONTRMM1P4R	FRONTRMM3P4R	-
	800	ENDWALLPB800A	FRONTRMM1P8R	FRONTRMM3P8R	-
	1200	ENDWALLPB1200A	FRONTRMM1P12R	FRONTRMM3P12R	-

[1]When ordering a bottom endwall or top endwall (with rain caps), the phase of the main module is not relevant. However, the phase is critical when ordering the front cover, as its design varies accordingly. Some front covers are two-piece assemblies and require both ordering codes to be purchased.
[2]Main modules types with top endwall replacement kits have solid top endwalls factory installed with no rain caps. If no top endwall replacement is listed for a main module type, then there is not an option available to order.

Replacement enclosure rail bracket

Ordering code	Description
RENCLOSURERAIL[3]	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[4]	Kit of 6 wall swivel brackets with hardware

[3]These 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.
[4]These 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
	Mounting Hub Kit: Large Hub opening, 4 inch conduit (Hub screws included)	ARP00021GE
Optional Field Installable Lug Kits For Main Breaker Modules	ReliaMod™ XT5 Frame Main Module Oversized Lug Kit: This lug kit will include lugs to accommodate (2) 500-750 kcmil Cu/Al cables per phase and neutral for XT5 frame main modules. Order one kit per each XT5 frame main module you need oversized lugs for.	RXT5LUGKIT750
	ReliaMod™ XT6 Frame Main Module Oversized Lug Kit: This lug kit will include lugs to accommodate (2) 500-750 kcmil Cu/Al cables per phase and neutral for XT6 frame main modules. Order one kit per each XT6 frame main module you need oversized lugs for.	RXT6LUGKIT750
	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 Main Breaker Module Lug Kits	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 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]
	Conversion Lug Kit 4 cable to 6 cable entry for T8 Main Module: (6) 1/0-750 kcmil per phase and neutral (Al/Cu)	RT8LUGKIT2RL
MLO Main Module Ground Lug Kit	(4) #6-350 kcmil lugs (AL/Cu) per kit, with assembly bracket	RMMGNDKIT350[3]
	(4) 2/0-600 kcmil lugs (AL/Cu) per kit, with assembly bracket	RMMGNDKIT600[3]
Mechanical Lug Kit	(4) 300-800 kcmil lugs (AL/Cu) per kit	**Coming soon**
Replacement Compression Lug Kits	Replacement Compression Lug Kit for 1600A T8 Mains	RT81600CLL3
	EUSERC Compression Lug Kit for 400A MCB, 400A MFS, 1PH or 3PH	RXT5CLL
	EUSERC Compression Lug Kit for 600A MCB, 1PH or 3PH	RXT5CLL2
	EUSERC Compression Lug Kit for 800A MCB, 600A MFS, 1PH and 3PH	RXT6CLL
	EUSERC Compression Lug Kit for 800A MFS, 1PH and 3PH	RXT7CLL
	EUSERC Compression Lug Kit for 1000A-1200A MCB, 1PH or 3PH	RXT7CLL2
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[4]
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
Meter Guide	Meter Socket Guide for ease of installation of meter	RMMG
RMS Reducer	Barrel lock 7/16" reducer	RMSREDUCER

[1]Can 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.

[2]The 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, RMM3BT16R, to accept 6-cable lugs, it will not fit.

[3]The ground lug kits are intended to be utilized in any MLO or MLO/FTL main module. See instruction guide 1TQC133000E0060 which provides the recommended lug kit for each MLO or MLO/FTL main module and mounting locations.

[4]The RHORNBYPASS kit can ONLY be field installed on ringless style residential 125A or 225A sockets only. It cannot be installed on any ring type socket nor any commercial lever bypass socket. This kit is useful if you order ringless residential meter stacks without the horn bypass factory installed (RLR suffix) but a horn bypass is required. You can field install this kit on any RLR suffix meter stack such as the RMS28612LRLR for example.

Note: You can always get a horn bypass factory installed on any ringless style residential socket by ordering meter stacks with the HBR suffix.

ReliaMod™
Accessories

—
RBUSCAPFLAT

—
RBUSCAPDEEP

—
RTBCOVER

—
TLABELSDBP

—
10091352G1

—
TSP61

ReliaMod™ accessories

Accessory category	Description	Ordering code
Socket Insulation Sheet	Insulating barrier for 125A sockets	RMBK125
	Insulating barrier for 225A sockets	RMBK225
Sealing Ring	Replacement Sealing Ring for Ring Cover, Stainless Steel (Fits all socket positions)	RSEALINGRING
Anti-inversion clip	This clip in 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
Ring To Ringless Cover 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 Cover 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
Socket Conversion Kits	4-Jaw Meter Socket for Ring Type Cover	R4JAWSOCKET
	5-Jaw Meter Socket for Ringless Cover	R5JAWSOCKET
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)	RBUSCAPFLAT
	Replacement Horizontal Bus End Cap (Right Side Deep)	RBUSCAPDEEP
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
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
	XT7 Main Breaker (metallic) padlock provision in open position	1SDA129731R1
	T8 Main Breaker padlock provision in open position	1SDA038351R1
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
Replacement Labels	Replacement Emergency Disconnect Adhesive Labels (Pack of 10)	TLABELSDBP
	Replacement Arc Flash Adhesive Labels (Pack of 10)	10091352G1
Touch-up Paint	12 oz. spray can of ANSI 61 light gray enamel	TSP61
Replacement Phase Neutral Kits (For replacement only, all neutral components ships assembled in each meter stack)	Replacement Phase Neutral Kit for residential 125A stacks (THQL)	RM125NEUTRALKIT
	Replacement Phase Neutral Kit for residential 225A stacks (A1-A2 and XT3-XT4)	RM225NEUTRALKIT
	Replacement Phase Neutral Kit for commercial 400A lever bypass stacks (XT5-XT4)	RM400NEUTRALKIT
Replacement Bond Strap Kits (For replacement only, all mains comes with a factory installed bonding straps)	Replacement Bonding Strap Kit 400A EUSERC Mains	RMBND400EUSERC
	Replacement Bonding Strap Kit 600-1200A EUSERC Mains	RMBND1200EUSERC
	Replacement Bonding Strap Kit 400-1200A MCB/MFS/MLO	RMBONDSTRAP
	Replacement Bond Kit 1400-2000A MCB/MLO and 1200A MLO	RMBOND2000

[1]Includes 5th jaw kit with neutral cable
[2]Applicable for residential sockets only. Commercial lever bypass sockets cannot be converted.

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 Ground Lug Kits (For replacement only, all mains come with factory installed ground lugs)	Replacement ReliaMod Ground Kit for residential and commercial stacks (125A stacks (THQL and TEY) and 225A stacks (A1-A2 and XT3-XT4))	RMGROUNDKIT225
	Replacement ReliaMod Ground Kit Commercial 400A lever bypass stacks (XT5-XT4)	RMGROUNDKIT400
	Replacement ReliaMod Ground Lug Kit (2 x #6-350) for all main modules (400A-2000A)	RMGROUNDKITMAIN
Replacement MLO Kits	Replacement ReliaMod 400A MLO Kit	RMMLO400
	Replacement ReliaMod 600A-2000A MLO Kit	RMMLO600-2000
Replacement Main Cover Hardware	Replacement Main Module Cover Fastening Hardware Kit	RMMMCOVERHARDWARE
A1-A2 Formula Strap Kit	Replacement 2-Pole A1 Formula Breaker Strap Kit	A1STRAPKIT
	Replacement 2-Pole A2 Formula Breaker Strap Kit	A2STRAPKIT
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
	Replacement2-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 kit tests 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™
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 refer to the latest version of publication DET008.

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.

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

Substitutions

The following circuit breakers can be substituted for the circuit breakers shown in the series rating tabulations. These substitutions are not all inclusive. Please refer to publication DET008 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
PowerBreak II	
SS	SH
Emax 2	
E2.2SF	E2.2VF
Q-Line	
THQL	THQB, THQC, THHQL, THHQB, THHQC, THHQL-RM[1]
THQL-RM[1]	THHQL-RM[1]
THHQL	THHQB, THHQC, THHQL-RM[1]
THQL-AF	THQL-AF2, THQL-AF2P, THQL-PAF2, THQL-PAF2P, THQL-AF2S, THQB-AF2, THHQL-AF2, THHQL-AF2P, THHQL-PAF2, THHQL-PAF2P, THHQL-AF2S, THHQB-AF2
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, THQC-GF, THQL-GFT2
THQL-DF	THQL-DF, THQL-DFP, THQL-PDF, THQL-PDFP, THQL-DFS, THQB-DF, THHQL-DF, THHQL-DFP, THHQL-PDF, THHQL-PDFP, THHQL-DFS, THHQB-DF
TEY	
TEY	TEYF, TEYL
TEYF	TEYL
Formula	
A2A	A2N
A1A	A1N
A2A-RM[2]	A2N-RM[2]
A1A-RM[2]	A1N-RM[2]

[1]The RM suffix on the end of any THQL/THHQL breaker indicates the 3-tier series rating capability of the breaker. The breaker can be utilized for series ratings in ReliaMod™ modular metering equipment, as well as other enclosures which specify its use.
[2]The RM suffix on the end of any A1 or A2 Formula breaker indicates its exclusive use in ReliaMod™ modular metering equipment and that it comes with line side bus straps to connect to the meter stack it would be installed in vs line side lugs and cable. This is a UL Approved application for ABB 2-tier and 3-tier series ratings.

ReliaMod™

Series ratings

Two-tier series ratings guide for modular metering

UL two-tier series connected rating

UL permits assigning a short-circuit rating (kAIC) to a combination of overcurrent protection devices connected in series that is higher than the lowest rated overcurrent protection device in the combination. This allows you to use lower kAIC downstream breakers, thus reducing the cost of your project. Series rating with UL standards in multi-family applications using the ABB empower configurator in conjunction with ABB series rating publication DET008 can greatly reduce the total cost of your bill of materials.

A two-tier series rating is common in a multi-family application with ABB ReliaMod™ modular metering. It consists of two levels of overcurrent protection devices as outlined in the illustration.

- Tier 1: The meter center or switchboard main breaker
- Tier 2: The meter stack tenant breakers

A two-tier series rating system occurs when there is a UL tested and approved combination of two levels of overcurrent protection. In this system the short-circuit rating of the upstream protector is fully rated at its location, but the downstream overcurrent protector is not fully rated and has a lower interruption rating (kAIC) than the available fault current at its location. This is allowable by UL.

The below tables are a quick reference guide of some common UL recognized ABB two-tier series rating combinations between main breakers in meter centers (or switchboards) to downstream tenant breakers in meter stacks. This is a guide only, not all inclusive, and does NOT serve as official documentation. Please refer to the latest version of ABB series rating publication DET008 for the latest official UL recognized series ratings and documentation.

Two-tier series combinations for 125A socket applications

Meter stack application	Upstream device (Tier 1)			Downstream device (Tier 2)			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	40A-125A	2	42,000	1	240
				THHQL-RM[1]	40A-125A	2	65,000	1	
				TEYF or TEYL	60A-125A	2	100,000	1	
	E2.2SF (Emax 2)	1400A-2000A	2 and 3	THHQL-RM[1]	40A-225A	2	65,000	1	
	SS (PBII)	1400A-2000A	2 and 3	THHQL-RM[1]	40A-225A	2	65,000	1	
	XT7S	1000A-1200A	2 and 3	THQL	40A-125A	2	65,000	1	
	XT7H			TEY or TEYF	60A-125A	2	100,000	1	
	XT6N	800A	2 and 3	THQL	40A-125A	2	65,000	1	
	XT6S			TEYF or TEYL	60A-125A	2	100,000	1	
	XT5N	400A-600A	2 and 3	THQL	40A-125A	2	65,000	1	
	XT5S			THQL	40A-125A	2	100,000	1	

[1]THHQL-RM frame tenant breakers are different order code numbers with special series ratings compared to traditional THQL/THHQL breakers. Please see the tenant breaker section of the BuyLog for the complete offering of THHQL-RM frame breakers for ReliaMod™ or ABB series rating publication DET008 for more info on series ratings.

Two-tier series combinations for 225A socket applications

Meter stack application	Upstream device (Tier 1)			Downstream device (Tier 2)			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	Formula A1A or A2A	40A-225A	2	65,000 and 100,000	1	240
	E2.2SF (Emax 2)	1400A-2000A	2 and 3	Formula A1A or A2A	40A-225A	2	65,000	1	
	E2.2VF (Emax 2)					2	100,000	1	
	SS (PBII)	1400A-2000A	2 and 3	Formula A1A or A2A	40A-225A	2	65,000	1	
	SH (PBII)					2	100,000	1	
	XT7S	1000A-1200A	2 and 3	Formula A1A or A2A	40A-225A	2	65,000	1	
	XT7H					2	100,000	1	
	XT6N	800A	2 and 3	Formula A1A or A2A	40A-225A	2	65,000	1	
	XT6S					2	100,000	1	
	XT5N	400A-600A	2 and 3	Formula A1A or A2A	40A-225A	2	65,000	1	
	XT5S					2	100,000	1	

ReliaMod™

Series ratings

Three-tier series ratings guide for modular metering

UL three-tier series connected rating

UL permits assigning a short-circuit rating (kAIC) to a combination of overcurrent protection devices connected in series that is higher than the lowest rated overcurrent protection device in the combination. This allows you to use lower kAIC downstream breakers, thus reducing the cost of your project. Series rating with UL standards in multi-family applications using the ABB empower configurator in conjunction with ABB series rating publication DET008 can greatly reduce the total cost of your bill of materials.

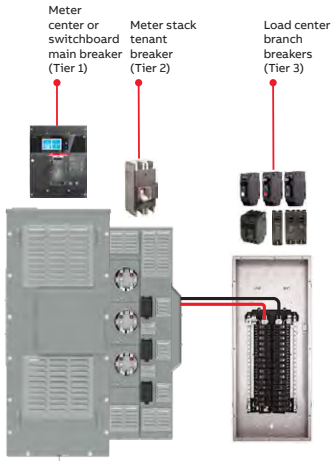
A three-tier series rating is common in a multi-family application with ABB ReliaMod™ modular metering. It consists of three levels of overcurrent protection devices as outlined in the illustration.

- Tier 1: The meter center or switchboard main breaker
- Tier 2: The meter stack tenant breakers
- Tier 3: The load center branch breakers

A three-tier series rating system occurs when there is a UL tested and approved combination of three levels of overcurrent protection. In this system the short-circuit rating of the upstream protector is fully rated at its location, but both tiers of downstream overcurrent protectors are not fully rated and each has a lower interruption rating (kAIC) than the available fault current at its location. This is allowable by UL.

The below tables are a quick reference guide of some common UL recognized ABB three-tier series rating combinations between main breakers in meter centers (or switchboards) to downstream tenant breakers in meter stacks and downstream load center branch breakers. This is a guide only, not all inclusive, and does NOT serve as official documentation.

Please refer to the latest version of ABB series rating publication DET008 for the latest official UL recognized series ratings and documentation.



Three-tier series combinations for 125A socket applications

Meter stack application	Main upstream device (Tier 1)			Meter stack tenant breakers (Tier 2)			Load center branch breakers (Tier 3)			Series rated interrupting rating		
Socket amperage	Main breaker frame	Amperage	Poles	Tenant breaker frame	Amperage	Poles	Branch breaker frame	Amperage	Poles	Symmetrical amps	Phase	Vac
125A	T8V	1400A-2000A	2 and 3	THHQL-RM[1]	40A-125A	2	THQL (includes both thermal mag and eMCB[2])	15A-60A	1 and 2	65,000	1	240
	E2.2SF (Emax 2)											
	SS (PBII)											
	XT7S	1000A-1200A	2 and 3	THHQL-RM[1]	40A-125A	2				65,000	1	
	XT6N	800A	2 and 3	THHQL-RM[1]	40A-125A	2		15A-60A	1 and 2	65,000	1	
	XT5N	400A-600A	2 and 3	THHQL-RM[1]	40A-125A	2		15A-60A	1 and 2	65,000	1	

Three-tier series combinations for 225A socket applications

Meter stack application	Main upstream device (Tier 1)			Meter stack tenant breakers (Tier 2)			Load center branch breakers (Tier 3)			Series rated interrupting rating		
Socket amperage	Main breaker frame	Amperage	Poles	Tenant breaker frame	Amperage	Poles	Branch breaker frame	Amperage	Poles	Symmetrical amps	Phase	Vac
225A	T8V	1400A-2000A	2 and 3	Formula A1A or A2A	40A-225A	2	THQL (includes both thermal mag and eMCB[2])	15A-60A	1 and 2	65,000 and 100,000	1	240
	E2.2SF (Emax 2)									65,000	1	
	E2.2VF (Emax 2)									100,000	1	
	SS (PBII)									65,000	1	
	SH (PBII)									100,000	1	
	XT7S	1000A-1200A	2 and 3	Formula A1A or A2A	40A-225A	2	THQL (includes both thermal mag and eMCB[2])	15A-60A	1 and 2	65,000	1	
	XT7H									100,000	1	
	XT6N	800A	2 and 3	Formula A1A or A2A	40A-225A	2		15A-60A	1 and 2	65,000	1	
	XT6S									100,000	1	
	XT5N	400A-600A	2 and 3	Formula A1A or A2A	40A-225A	2		15A-60A	1 and 2	65,000	1	
	XT5S									100,000	1	

[1]THHQL-RM frame tenant breakers are different order code numbers with special series ratings compared to traditional THQL/THHQL breakers. Please see the tenant breaker section of the BuyLog for the complete offering of THHQL-RM frame breakers for ReliaMod™ or ABB series rating publication DET008 for more info on series ratings.
[2]eMCBs consist of ABB THQL electronic breakers: THQL-AF, THQL-DF, and THQL-GF in both 1P and 2P configurations from 15A-60A.

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

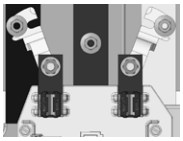
To phase-balance a system, electricians are often required to revise the factory setting. Hence connecting straps between meter-socket and the 3-phase lines need to be moved.

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. To the right are instructions for the field phase balancing of standard residential sockets, without lever-bypass.

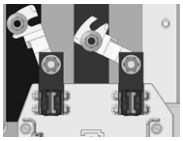
Changing the phase balance in the field

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

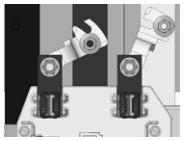
1. Turn off power supplying this equipment
   Note: Phase balance strap 1 can be swiped between PH-A and PH-B. Phase balance strap 2 can be swiped between PH-B and PH-C.
2. Loosen phase-balance strap at vertical and meter-socket connection
3. Swipe strap to position required
4. Retighten strap at vertical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



Position A-C



Position A-B



Position B-C

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™

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		
Formula A1, A2		E93565
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

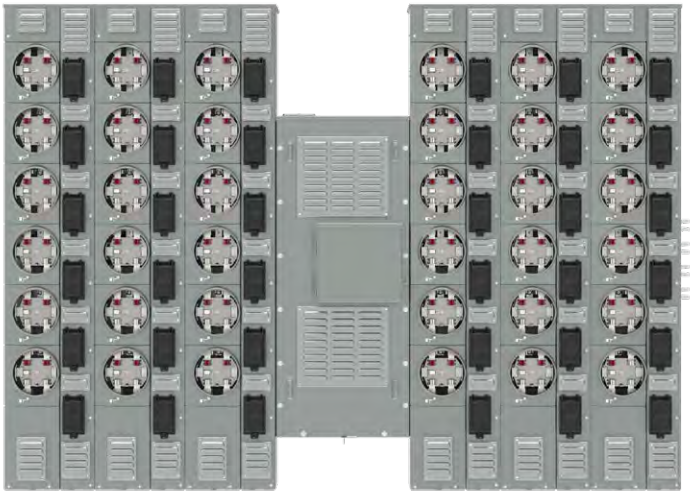
Not included in ABB ReliaMod™ products. These are to be purchased and provided by others as needed for ReliaMod™ mains and pull boxes that come with a lug landing pad.

The following UL listed compression lugs may be used

	ABB/ T&B		Burndy		Panduit		MAC	
Wire Size	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

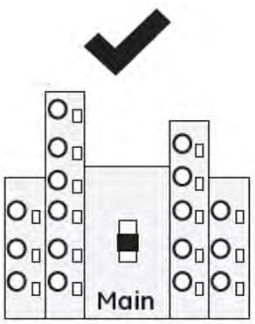


Suitable for Center-Feed Applications only
Horizontal bus is rated 1200 amps maximum. The load on the horizontal bus may not exceed 1200 amps in either direction from the point of connection of the main circuit breaker. Overall load is limited to the rating of the main circuit breaker.

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. Refer to chart below for amperage and bus information. **Note:** Figure B shows the incorrect calculations.

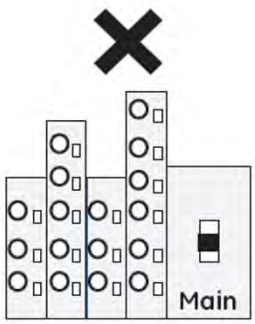
Does the Application Require Electrician to Center-Feed the Main Module?

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	N/A	Yes

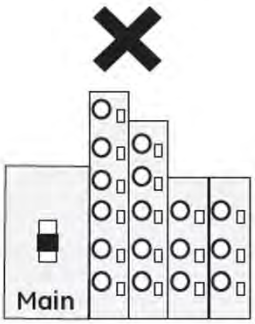


Correct
This configuration is centered and will balance the load between left and right-side horizontal bus leaving the main section

Figure A



Incorrect
This configuration will overload the left-side horizontal bus that leaves the main section



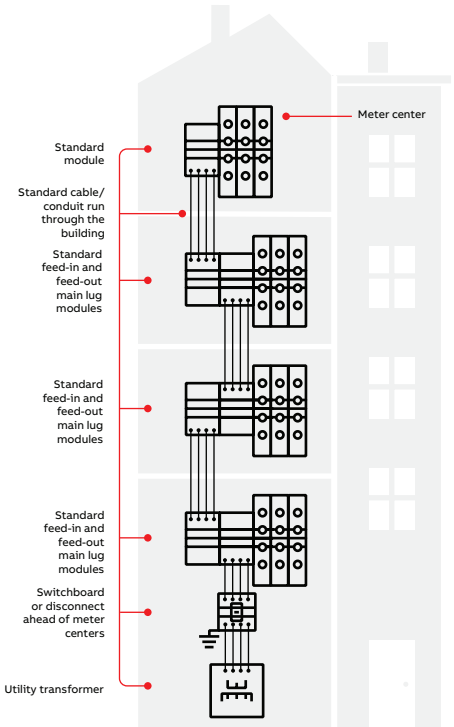
Incorrect
This configuration will overload the right-side horizontal bus that leaves the main section

Figure B

ReliaMod™

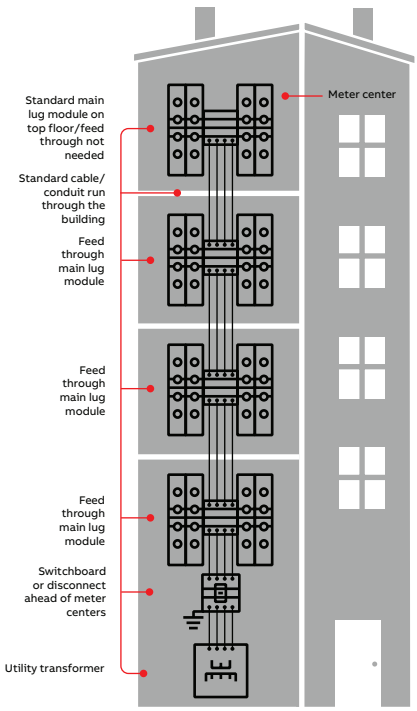
Mid-rise and high-rise applications

Traditional solution



Standard main lug modules to feed up through the floors takes up more space

ABB ReliaMod™ feed through lug module solution

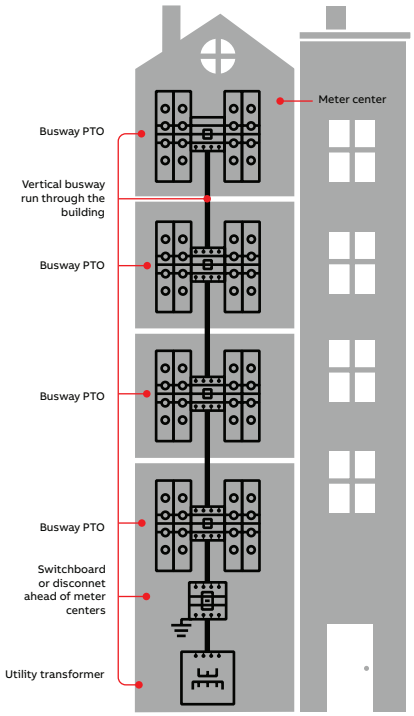


ABB's feed through main lug modules reduce the quantity of enclosures needed saving space in the electrical room and decreasing install time. ABB meter stacks can be mounted on either side of the main module.

ABB ReliaMod™ feed through lug modules are available in 1200A, 1600A and 2000A models in both 1-phase and 3-phase

Space saving

ABB ReliaMod™ Busway Power Take Off (PTO) solution



Vertical busway that utilizes ABB's Busway Power Take Off (PTO) breaker solution to feed the meter centers on each floor, reduces the quantity of enclosures needed and saves space in the electrical room and decreasing install time. ABB meter stacks can be mounted on either side of the busway PTO.

ABB ReliaMod™ Busway PTOs are available in 3-phase circuit breaker configurations 250A-1200A

Space saving

Cables/conduit costs saving

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
- 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

Service Design

1 = Combination Overhead/Underground
2 = Underground, Side Wired
3 = Combination, Overhead/Underground, Side Wired
6 = Left or Right Feed

Maximum Conductor (Line & Load)

1 = #2/0 Connectors
2 = #250 kcmil Connectors
3 = #350 kcmil Connectors
5 = #500 kcmil Connectors
9 = Dual #500 kcmil Connectors

Standard Suffixes

B = Small Hub Opening
C = Small Hub Cover Plate
T = Large Hub Opening
U = Large Hub Cover Plate

Utility Approval (if applicable)

FL = Meter Equipment Group Approved
KC = KCP&L

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	1/0-500 MCM 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	UT5R2392UUFLGE
	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	UT6R2392UUFLGE

Horizontal metering field installed accessories

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Horizontal metering field installed accessories

—
ARP00035GE

—
ARP00920GE

—
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
Connector kit #4-600MCM	ARP00129GE
DTE auxiliary service kit	ARP01590GE
5th jaw	ARP00035GE
Auxiliary contacts enclosure G90	1006630AGE
Plastic meter socket cover plate	ARP00920GE
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

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		
Bussed; 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

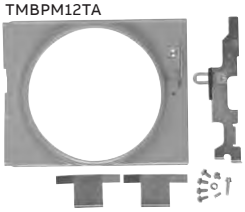
Type	Ordering code
TEB breaker mounting kit	TMTEB
Barrel lock bracket and guard kit	TMBL[4]
Blank meter socket cover (fits all positions)	TMCB322A
Individual meter socket barrier kit (includes 6)	TMBR3
Insulator for lever by-pass handle	TMHN
Replacement phase balancing jumper kit	TMPJ31[4]

[1]100 amps continuous.
[2]For top socket on TMM4220R, order TMBPM20TA.
[3]200 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.
[4]Not UL Listed.

Modular metering field installed accessories

TMCB12B

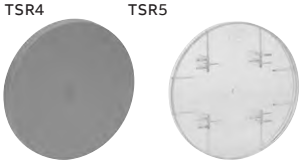
TMBPM12TA



TMCR12

TSR1 TSR3

TSR4 TSR5



TMCA TMCP

TMBR

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 Anti-inversion clip	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
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
Bonding 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

[1]Not UL Listed.

Meter Mod III (obsoleted)

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Meter Mod III (obsoleted)

Product overview

When greater than six branch circuits are required, the NEC requires a main disconnect and overcurrent protection device ahead of the meters. A main breaker module serves as this single point of disconnect and overcurrent protection. A main breaker module consists of a of a main breaker, bussing and connectors to allow meter modules to be added to the left and/or the right of the unit.

Features

- Main breaker modules include UL489. 80% rated circuit breakers.
- Main fusible switch modules include a UL98 disconnect switch, fuses not included.
- Main fusible switch with integrated pull box meets EUSERIC requirements, accept Class T fuses, and lugs are not included.
- Single-phase mains have a neutral, A-phase, B-phase and ground and may be connected to three-phase horizontal bus stacks. However, output is only single-phase.
- All mains are required to be center feed only when main breaker is greater than horizontal bus amps
- Short circuit ratings through 100,000 amps RMS symmetrical
- Interchangeable single and three-phase main and meter modules
- Indoor/outdoor construction
- Individual meter covers

Ordering code construction - Meter Mod III

T	MP	3	SB	8	R	AR

ABB identification

Type

MP = Meter Mod III

Insert for 3-phase

Type

SB = Main breaker, top/bottom feed (400-1200A)
SHB = Main breaker, high interrupting, top/bottom feed (400-1200A)
BB = Main breaker, bottom feed (1400-2000A)
BT = Main breaker, top feed (1400-2000A)
BU = Main breaker with integral pull box - EUSERC
FT = Main switch, top feed
FB = Main switch, bottom feed
L = Main lug
U = Main pull box

Maximum Ampere Rating

4 = 400A
6 = 600A
8 = 800A
10 = 1000A
12 = 1200A
14 = 1400A
16 = 1600A
20 = 2000A

Enclosures

R = Type 3R Rainproof

Additional Features

AR = Arc reduction (main breaker only)
CRIS = Copper, riser (main lug only)
CLL = Compression lug landing kit included
ST = Shunt trip, factory installed

Meter Mod III (obsoleted)

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					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.

[1]Optional lug TCAL124 field installed wire range (3) 300-750 kcmil.
[2]Optional neutral lug field installed wire range (3) 1/0-750 kcmil. Lug kit product number TMPL750.
[3]Fixed rating plug not field adjustable.

Meter Mod III (obsoleted)

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		RG	Compression lugs	Compression lugs	TMP3BB20RCLL[3]
		Bottom	Yes	RG	(6) #2–600 kcmil	(6) #2–600 kcmil	TMP3BB20RST[3]

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

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

[1]Optional lug TCAL124 field installed wire range (3) 300-750 kcmil.
[2]Optional neutral lug field installed wire range (3) 1/0-750 kcmil. Lug kit product number TMPL750.
[3]Fixed rating plug not field adjustable.
[4]The main breaker in this section has an arc reduction means that satisfies the requirement of NEC 2014 Section 240.87

Meter Mod III (obsoleted)

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

Main ampere rating	Interrupting current rating (kAIC)	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

Main ampere rating	Interrupting current rating (kAIC)	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.

[1]Landing pads with 1/2" bolts per EUSERC drawing number 347 provided. Contractor will need to supply crimp/compression lugs.
[2]Fixed rating plug not field adjustable.

Meter Mod III (obsoleted)

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]

[1]TMPFB12RT 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.
[2]TMP3FB12R is a bolted pressure switch that uses only Class L fuses. This unit is larger and more robust than the TMP3FB12RT, but more expensive.
[3]TMP3FB12RT 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.
[4]TMP3FB12R is a bolted pressure switch that uses only Class L fuses. This unit is larger and more robust than the TMP3FB12RT, but more expensive.
[5]Product numbers ending in “ST” have shunt tripping style bolted pressure switch.

Meter Mod III (obsoleted)

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

[1]Center-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 (obsoleted)

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
								TMP3L4RCU[2]
600				(2) 250-500	(2) 250-500	1		TMP3L6R
								TMP3L6RCU[2]
800				(2) 1/0-750 or (4) 1/0-300	(2) 1/0-750 or (4) 1/0-300	2		TMP3L8R
								TMP3L8RCU[2]
1200				(3) 1/0-750 or (6) 1/0-300	(3) 1/0-750 or (6) 1/0-300	2		TMP3L12R
1600				(6) 250-500	(6) 250-500	2		TMP3L16R
2000				(8) 1/0 - 750	(8) 1/0 - 750	2		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

[1]Limited to the lowest marked short circuit rating of the main and meter modules used.
[2]Copper bussed – CON ED Approved.

Meter Mod III (obsoleted)

—
TMPU4R

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

—
TMP3U4R

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

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

Meter Mod III (obsoleted)

Meter stack modules—residential

Product overview

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

- 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

Ordering code construction - residential

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

Socket Rating
12 = 125A
20 = 200A
22 = 225A
40 = 400A

Insert for tenant breaker

Enclosures
R = Type 3R rainproof outdoor
Blank = Type N1 indoor

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)

Meter Mod III (obsoleted)

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]	TMP8R612R	TMP8R612RHB
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]	TMPR12520RHBBUS[2]

[1]One snap-type, aluminum sealing ring (TSR5) per socket included
[2]BUS suffix indicates change to centerline of horizontal bussing from 28.88" to 41.01" from bottom of unit

Meter Mod III (obsoleted)

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.

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

Meter Mod III (obsoleted)

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

Socket Rating
12 = 125A
20 = 200A
22 = 225A
40 = 400A

Insert for tenant breaker

Enclosures
R = Type 3R rainproof outdoor
Blank = Type N1 indoor

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)

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 (obsoleted)

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 –EUSERC[4]

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]

[1]One 400A tenant main breaker included.
[2]Two 400A tenant breakers included.
[3]Main breaker modules alternate rating plugs table for alternate 400A rating plugs
[4]Meet EUSERC requirement
[5]Suffixes AB, BC, AC reflect the factory-set phase balancing.
[6]Shipped from the factory as 7-jaw units (7 terminal.)
[7]400 Amp tenant breaker included, 65 kAIC
[8]Requires two tenant main breakers, 400 amp maximum sum of branch ratings. Cannot be used to serve a single 400A load.
[9]Meets EUSERC requirements. "T" suffix indicates EUSERC test bypass kit included.

Mini Mod III (obsoleted)

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Mini Mod III (obsoleted)

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

Type
MM = Mini Mod ring type
MMR = Mini Mod ringless

Horizontal bus rating
2 = 200A
4 = 400A
6 = 600A

Socket positions
1-6

Socket rating
12 = 125A
20 = 200A

Enclosures
R = Type 3R rainproof

Additional features
F = MEG approval
HB = Horned bypass (ringless only)

Please **Note:** Prior to quoting Mini Mod III, please confirm if your local jurisdiction has adopted NEC 2020 code. Mini Mod III does not currently meet NEC 2020 code requirements of compartmentalized service disconnects for the tenant breakers. If your local jurisdiction has adopted NEC 2020 you will need to include a separate main disconnecting means ahead of the Mini Mod III enclosure, or you can quote a modular metering solution with an integrated main module section.

Mini Mod III (obsoleted)

Single-phase ring type

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

Single-phase ringless

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 (2) 2/0-250	4-300		TMMR4312R	TMMR4312RHB
	4	400				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

[1]One snap-type, aluminum sealing ring (TSR5) per socket included
[2]May be fed from overhead. Use hub TC300.

Please **Note:** Prior to quoting Mini Mod III, please confirm if your local jurisdiction has adopted NEC 2020 code. Mini Mod III does not currently meet NEC 2020 code requirements of compartmentalized service disconnects for the tenant breakers. If your local jurisdiction has adopted NEC 2020 you will need to include a separate main disconnecting means ahead of the Mini Mod III enclosure, or you can quote a modular metering solution with an integrated main module section.

Mini Mod III (obsoleted)

Ring-type socket, MEG approved, (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 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.

[1]One snap-type, aluminum sealing ring (TSR5) per socket included.
[2]May be fed from overhead. Use hub TC300.

Please **Note:** Prior to quoting Mini Mod III, please confirm if your local jurisdiction has adopted NEC 2020 code. Mini Mod III does not currently meet NEC 2020 code requirements of compartmentalized service disconnects for the tenant breakers. If your local jurisdiction has adopted NEC 2020 you will need to include a separate main disconnecting means ahead of the Mini Mod III enclosure, or you can quote a modular metering solution with an integrated main module section.

Meter Mod III and Mini Mod III (obsoleted) modular metering circuit breakers

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Meter Mod III and Mini Mod III (obsoleted) 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
	100	#6-4/0[2]	TMQV22060MM
70	42	#6-4/0[2]	TMQC22070MM
	65	#6-4/0[2]	TMQF22070MM
	100	#6-4/0[2]	TMQV22070MM
80	42	#6-4/0[2]	TMQC22080MM
	65	#6-4/0[2]	TMQF22080MM
	100	#6-4/0[2]	TMQV22080MM
90	42	#6-4/0[2]	TMQC22090MM
	65	#6-4/0[2]	TMQF22090MM
	100	#6-4/0[2]	TMQV22090MM
100	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
110	42	#6-4/0[2]	TMQC22110MM
	65	#6-4/0[2]	TMQF22110MM
	100	#6-4/0[2]	TMQV22110MM
125	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
150	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
175	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

[1]Sub-Feed lug. No overcurrent protection.
[2]For 60A-200A 2P breakers use TMQV225L2 to get 300MCM terminals.

Meter Mod III and Mini Mod III (obsoleted) 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

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

Meter Mod III and Mini Mod III (obsoleted) 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

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

Modular metering factory installed accessories (obsoleted)

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Modular metering factory installed accessories (obsoleted)

Lug kits

	Mini Mod III						
Amp rating	**Ring-type socket (4 jaw socket standard)**	**Ringless socket (5th jaw socket standard)**	**Ringless socket MEG approved (5th jaw socket standard)**	**Phase wire size**	**Neutral wire size**	**Lugs per kit**	**Ordering code**
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

	Mini Mod III						
Amp rating	**Ring-type socket (4 jaw socket standard)**	**Ringless socket (5th jaw socket standard)**	**Ringless socket MEG approved (5th jaw socket standard)**	**Phase wire size**	**Mechanical lug kit ordering code**	**Compression lug kit ordering code**	**Lugs per kit**
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	–	
200	TMM4220R	TMMR4220R	TMMR4220RF	(3) 4-300	TMPAL40	TMM6CLL	
				(1) 2/0-600 or (2) 6-250	TMMLK1	–	
	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	–	

Modular metering factory installed accessories (obsoleted)

Factory installed lug kits

Amp rating	Main breaker	Phase wire size	Neutral wire size	Lugs per kit	Total lugs per device	Ordering code
400	TMPSB4R	AL/CU: (2) 2/0-500 or (1) 8-600	AL/CU: (2) 2-600	2	–	TCLK265
	TMPSHB4R					
	TMP3SB4R			3		TCLK365
	TMP3SHB4R					
600	TMP3SB6R	AL/CU: (2) 2/0-500 or (1) 8-600	AL/CU: (2) 2-600	3	–	TCLK365
800	TMPSB8R	AL/CU: (3) 3/0-500	AL/CU: (4) 250-500	1	–	TCAL81[1]
	TMP3SB8R					
1000	TMPSB10R	AL: (4) 250-500	AL/CU: (4) 250-500	1	–	TCAL125[2]
	TMP3SB10R					
1200	TMPSB12R	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					
	TMP3BB20R, TMP3BB20RAR				9 lugs/device; 3 lugs/neutral	
	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	TMPSB10R	AL/CU: (3) 350-750	TCAL124[3]	2	1	–
	TMP3SB10R			3		
1200	TMPSB12R	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					

[1]Lug kits TCALK281 (for TMPSB8R) and TCALK381 (TMP3SB8R) can also be used instead of the TCAL81 lugs
[2]Lug kits TCALK2125 (for TMPSB10R and TMPSB12R) and TCALK3125 (for TMP3SB10R and TMP3SB12R) can also be used instead of TCAL125 lug
[3]Lug kits TCALK2124 (for TMPSB10R and TMPSB12R) and TCALK3124 (for TMP3SB10R and TMP3SB12R) can also be used instead of TCAL124 lugs

Modular metering factory installed accessories (obsoleted)

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 (obsoleted)

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
	TMP3L8R					
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
	TMP3L12R, TMP3L12RCRIS					
1600	TMPL16R	AL/CU: (6) 250-500	AL/CU: (6) 250-500	1 lug/kit, 3 lugs/phase	9 lugs total	TMPAL30
	TMP3L16R, TMP3L16RCRIS				12 lugs total	
2000	TMP3L20R, 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	TMP3L12CLL1	4 studs per phase, double stack for up to 4 conductors per phase	TMPAL30
	TMP3L8R					
1200	TMPL12R					
	TMP3L12R					
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	TMP3L16CLL1	–	TMP3L16BLK
	TMP3L16R					

Notes