

Modular Metering Meter Mod III

Main Breaker Modules
Single-Phase and Three-Phase

Section 2

Main Breaker Three-Phase, Four-Wire / Single-Phase, Three-Wire 120/240 Vac, 208Y/120 Vac

Breaker included, top or bottom feed. 80% Rated MCB

Main Ampere Rating	IC Rating (Max)	Main Wire Size		Main Wire Size		Product Number
		AWG/kcmil	Cu/Al - Phase	AWG/kcmil	Cu/Al - Neutral	
400	65 kAIC	Al : (2) 2/0 - 500 or (1) 6 - 600	Cu 2/0 - 400 or (1) 6 - 600	(2) 2 - 600		TMP3SB4R
400	100 kAIC	Al : (2) 2/0 - 500 or (1) 6 - 600	Cu 2/0 - 400 or (1) 6 - 600	(2) 2 - 600		TMP3SHB4R
600	65 kAIC	Al : (2) 2/0 - 500 or (1) 6 - 600	Cu 2/0 - 400 or (1) 6 - 600	(2) 2 - 600		TMP3SB6R
600	100 kAIC	Al : (2) 2/0 - 500 or (1) 6 - 600	Cu 2/0 - 400 or (1) 6 - 600	(2) 2 - 600		TMP3SHB6R
800	65 kAIC	Al/Cu (3) 3/0 - 500 ¹		(4) 250-500 ²		TMP3SB8R
1000	65 kAIC	Al(4) 250-500 Cu(4) 250/350 ¹		(4) 250-500 ²		TMP3SB10R
1200	65 kAIC	Al(4) 250-500 Cu(4) 250/350 ¹		(4) 250-500 ²		TMP3SB12R ⁹
1400	100 kAIC	(4) 500-1000 kcmil		(4) 500-1000 kcmil		TMP3BB14R ^{4,7}
1400	100 kAIC	(4) 500-1000 kcmil		(4) 500-1000 kcmil		TMP3BT14R ^{5,7}
1600	100 kAIC	Al/Cu (4) 500-1000		Al/Cu (4) 500-1000		TMP3BB16R ^{4,7}
1600	100 kAIC	Compression Lugs		Compression Lugs		TMP3BB16RCLL ^{4,7}
1600	100 kAIC	Al/Cu (4) 500-1000		Al/Cu (4) 500-1000		TMP3BB16RST ^{3,4,7}
1600	100 kAIC	Al/Cu (4) 500-1000		Al/Cu (4) 500-1000		TMP3BT16R ^{5,7}
1600	100 kAIC	Al/Cu (4) 500-1000		Al/Cu (4) 500-1000		TMP3BT16RST ^{3,5,7}
2000	100 kAIC	(6) #2-600 kcmil		(6) #2-600 kcmil		TMP3BT20R ^{5,7}
2000	100 kAIC	(6) #2-600 kcmil		(6) #2-600 kcmil		TMP3BB20R ^{4,7}
2000	100 kAIC	Compression Lugs		Compression Lugs		TMP3BB20RCLL ^{4,7}
2000	100 kAIC	(6) #2-600 kcmil		(6) #2-600 kcmil		TMP3BT20RST ^{3,5,7}
2000	100 kAIC	(6) #2-600 kcmil		(6) #2-600 kcmil		TMP3BB20RST ^{3,4,7}

Main Breaker Three-Phase, Four-Wire 208Y/120 Vac or Three-Phase, Four-Wire 120/240 Vac, Delta Hi-Leg with Arc Reduction Means

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

Main Ampere Rating	IC Rating (Max)	Feed	Main Wire Size		Main Wire Size		Product Number
			AWG/kcmil	Cu/Al - Phase	AWG/kcmil	Cu/Al - Neutral	
400 to less than 1200	-	Top or Bottom	-	-	-	-	Use Standard Part #. Code effects only 1200A and greater
1200	-	Top or Bottom	-	-	-	-	Use 1400 or 1600A and advise GE sales rep to make trip unit 1200A
1400	100 kAIC	Bottom	(4) 500-1000		(4) 500-1000		TMP3BB14RAR
		Top	(4) 500-1000		(4) 500-1000		TMP3BT14RAR
1600	100 kAIC	Bottom	(4) 500-1000		(4) 500-1000		TMP3BB16RAR
		Top	(4) 500-1000		(4) 500-1000		TMP3BT16RAR
2000	100 kAIC	Top	(6) #2-600		(6) #2-600		TMP3BT20RAR
		Bottom	(6) #2-600		(6) #2-600		TMP3BB20RAR

NOTE: These main sections use type RG Breakers. These breakers no longer have rating plugs; they have factory installed trip units. If you need a trip setting that is different than the frame (For example, if you need a TMP3BB16RAR 1600A frame with a 1200A trip), please inform your GE sales rep at time of order entry. A request will be made to have this manually changed at the factory.

Main Breaker Modules Alternate Rating Plugs – Field Installed⁸

Main Ampere Rating	Alternate Rating	Product Number
400 ⁶	225	SRPG400A225
400 ⁶	250	SRPG400A250
400 ⁶	300	SRPG400A300
400 ⁶	350	SRPG400A350
600	400	SRPG600A400
600	450	SRPG600A450
600	500	SRPG600A500
800	600	SRPK800A600
800	700	SRPK800A700
1000	800	SRPK1200A800
1200	1000	SRPK1200A1000

Shunt-Trip - Field Installed For Use on all Main Breaker Modules

Shunt Trip	Product Number
120 Vac	SAST1
240 Vac	SAST2

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

²Optional neutral lug field installed wire range (3) 1/0-750 kcmil.

Lug kit part number TMPL750.

³Includes 110-240 Vac shunt trip.

⁴Bottom feed.

⁵Top feed.

⁶Alternate for 400A frame.

⁷Fixed Rating Plug not Field adjustable.

⁸Not available for 1400, 1600, and 2000A Mains

⁹To meet NEC 2014 Arc Energy Reduction (Section 240.87), please use a 1175A rating plug. Product Number SRPK1200A1175, order separately.

