

# Modular Metering Meter Mod III

# Section 2

## Main Modules Single-Phase and Three-Phase

- 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 center feed only when the main circuit breaker rating is larger than the horizontal bus amperage rating.



TMPSB4R

### Main Breaker Single-Phase, Three-Wire 120/240 Vac

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

Main Ampere Rating	IC Rating (Max)	Main Wire Size AWG/kcmil Cu/Al - Phase		Main Wire Size AWG/kcmil Cu/Al - Neutral		Product Number
		AWG/kcmil	Cu/Al	AWG/kcmil	Cu/Al	
400	42 kAIC	Al :2) 2/0 - 500 or (1) 6 -600	Cu 2/0 - 400 or (1) 6 -600	(2) 2 -600		TMPSB4R
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	42 kAIC	Al :2) 2/0 - 500 or (1) 6 -600	Cu 2/0 - 400 or (1) 6 -600	(2) 2 -600		TMPSB6R
600	100 kAIC	Al :2) 2/0 - 500 or (1) 6 -600	Cu 2/0 - 400 or (1) 6 -600	(2) 2 -600		TMP3HB6R
800	65 kAIC	Al/Cu (3) 3/0 -500 <sup>1</sup>		(4) 250-500 <sup>2</sup>		TMPSB8R
1000	65 kAIC	Al(4) 250-500 CU(4) 250/350 <sup>1</sup>		(4) 250-500 <sup>2</sup>		TMPSB10R
1200	65 kAIC	Al(4) 250-500 CU(4) 250/350 <sup>1</sup>		(4) 250-500 <sup>2</sup>		TMPSB12R
1400	100 kAIC	(4) 500-1000 kcmil		Al/Cu (4) 500-1000		TMPBB14R <sup>4,7</sup>
1400	100 kAIC	(4) 500-1000 kcmil		Al/Cu (4) 500-1000		TMPBT14R <sup>5,7</sup>
1600	100 kAIC	Al/Cu (4) 500-1000 kcmil		Al/Cu (4) 500-1000		TMPBB16R <sup>4,7</sup>
1600	100 kAIC	Al/Cu (4) 500-1000 kcmil		Al/Cu (4) 500-1000		TMPBB16RST <sup>3,4,7</sup>
1600	100 kAIC	Al/Cu (4) 500-1000 kcmil		Al/Cu (4) 500-1000		TMPBT16R <sup>5,7</sup>
1600	100 kAIC	Al/Cu (4) 500-1000 kcmil		Al/Cu (4) 500-1000		TMPBT16RST <sup>3,5,7</sup>
2000	100 kAIC	(6) #2 - 600 kcmil		(6) #2 - 600 kcmil		TMPBT20R <sup>5,7</sup>
2000	100 kAIC	(6) #2 - 600 kcmil		(6) #2 - 600 kcmil		TMPBB20R <sup>4,7</sup>

### 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 AWG/kcmil Cu/Al - Phase		Main Wire Size AWG/kcmil Cu/Al - Neutral		Product Number
		AWG/kcmil	Cu/Al	AWG/kcmil	Cu/Al	
400	42 kAIC	Al :2) 2/0 - 500 or (1) 6 -600	Cu 2/0 - 400 or (1) 6 -600	(2) 2 -600		TMPSB4R
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	42 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 <sup>1</sup>		(4) 250-500 <sup>2</sup>		TMPSB8R
1000	65 kAIC	Al(4) 250-500 CU(4) 250/350 <sup>1</sup>		(4) 250-500 <sup>2</sup>		TMP3SB10R
1200	65 kAIC	Al(4) 250-500 CU(4) 250/350 <sup>1</sup>		(4) 250-500 <sup>2</sup>		TMP3SB12R
1400	100 kAIC	(4) 500-1000 kcmil		(4) 500-1000 kcmil		TMP3BB14R <sup>4,7</sup>
1400	100 kAIC	(4) 500-1000 kcmil		(4) 500-1000 kcmil		TMP3BT14R <sup>5,7</sup>
1600	100 kAIC	Al/Cu (4) 500-1000		Al/Cu (4) 500-1000		TMP3BB16R <sup>4,7</sup>
1600	100 kAIC	Al/Cu (4) 500-1000		Al/Cu (4) 500-1000		TMP3BB16RST <sup>3,4,7</sup>
1600	100 kAIC	Al/Cu (4) 500-1000		Al/Cu (4) 500-1000		TMP3BT16R <sup>5,7</sup>
1600	100 kAIC	Al/Cu (4) 500-1000		Al/Cu (4) 500-1000		TMP3BT16RST <sup>3,5,7</sup>
2000	100 kAIC	(6) #2-600 kcmil		(6) #2-600 kcmil		TMP3BT20R <sup>5,7</sup>
2000	100 kAIC	(6) #2-600 kcmil		(6) #2-600 kcmil		TMP3BB20R <sup>4,7</sup>
2000	100 kAIC	(6) #2-600 kcmil		(6) #2-600 kcmil		TMP3BT20RST <sup>3,5,7</sup>
2000	100 kAIC	(6) #2-600 kcmil		(6) #2-600 kcmil		TMP3BB20RST <sup>3,4,7</sup>

### Main Breaker Modules Alternate Rating Plugs – Field Installed<sup>8</sup>

Main Ampere Rating	Alternate Rating	Product Number
400 <sup>6</sup>	225	SRPG400A225
400 <sup>6</sup>	250	SRPG400A250
400 <sup>6</sup>	300	SRPG400A300
400 <sup>6</sup>	350	SRPG400A350
600	400	SRPG400A400
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

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

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

<sup>3</sup>Includes 110-240 Vac shunt trip.

<sup>4</sup>Bottom feed.

<sup>5</sup>Top feed.

<sup>6</sup>Alternate for 400A frame.

<sup>7</sup>Fixed Rating Plug not Field adjustable.

<sup>8</sup> Not available for 1400, 1600, and 2000A Mains

