

**TABLE IV**

**Varmeter Selector**

For 3-Wire 3-Phase (2-element) Varmeter rated 5A 120V (Zero-Center)

Find Digits 8-14 & scale at Intersection of C.T. & P.T. Ratios

| C.T. RATIO<br>↓        | P.T. RATIO       |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|
|                        | 240/120 (2:1)    | 480/120 (4:1)    | 600/120 (5:1)    | 2400/120 (20:1)  | 3600/120 (30:1)  | 4200/120 (35:1)  | 4800/120 (40:1)  | 6000/120 (50:1)  | 7200/120 (60:1)  | 12000/120 (100:1) | 14400/120 (120:1) |
| <b>25/5 (5:1)</b>      | TAJ7ARC 5KVAR    | TAJ7BAC 10KVAR   | TAJ7FCC 12.5KVAR | TAJ7BRC 50KVAR   | TAJ7BXC 75KVAR   | NKK7BYC 80KVAR   | TAJ7CAC 100KVAR  | TAJ7GCC 125KVAR  | TAJ7CEC 150KVAR  | TAJ7CJC 250KVAR   | TAJ7CKC 300KVAR   |
| <b>50/5 (10:1)</b>     | TAJ7BAC 10KVAR   | TAJ7BGC 20KVAR   | TAJ7BJC 25KVAR   | TAJ7CAC 100KVAR  | TAJ7CEC 150KVAR  | TAJ7GGC 175KVAR  | TAJ7CGC 200KVAR  | TAJ7CJC 250KVAR  | TAJ7CKC 300KVAR  | TAJ7CRC 500KVAR   | TAJ7CTC 600KVAR   |
| <b>75/5 (15:1)</b>     | TAJ7BEC 15KVAR   | TAJ7BKC 30KVAR   | WEK7BNC 40KVAR   | TAJ7CEC 150KVAR  | WEK7CHC 240KVAR  | RDH7CJC 250KVAR  | TAJ7CKC 300KVAR  | WEK7CNC 400KVAR  | TAJ7CPC 450KVAR  | TAJ7CXC 750KVAR   | TAJ7CZC 900KVAR   |
| <b>100/5 (20:1)</b>    | TAJ7BGC 20KVAR   | TAJ7BNC 40KVAR   | TAJ7BRC 50KVAR   | TAJ7CGC 200KVAR  | TAJ7CKC 300KVAR  | TAJ7CMC 350KVAR  | TAJ7CNC 400KVAR  | TAJ7CRC 500KVAR  | TAJ7CTC 600KVAR  | TAJ7DAC 1000KVAR  | TAJ7DCC 1200KVAR  |
| <b>150/5 (30:1)</b>    | TAJ7BKC 30KVAR   | TAJ7BTC 60KVAR   | TAJ7BXC 75KVAR   | TAJ7CKC 300KVAR  | TAJ7CPC 450KVAR  | RDH7CRC 500KVAR  | TAJ7CTC 600KVAR  | TAJ7CXC 750KVAR  | TAJ7CZC 900KVAR  | TAJ7DEC 1500KVAR  | SAJ7HGC 1750KVAR  |
| <b>200/5 (40:1)</b>    | TAJ7BNC 40KVAR   | TAJ7BYC 80KVAR   | TAJ7CAC 100KVAR  | TAJ7CNC 400KVAR  | TAJ7CTC 600KVAR  | TAJ7CWC 700KVAR  | TAJ7CYC 800KVAR  | TAJ7DAC 1000KVAR | TAJ7DCC 1200KVAR | TAJ7DGC 2000KVAR  | UFJ7DJC 2500KVAR  |
| <b>250/5 (50:1)</b>    | TAJ7BRC 50KVAR   | TAJ7CAC 100KVAR  | TAJ7GCC 125KVAR  | TAJ7CRC 500KVAR  | TAJ7CXC 750KVAR  | NKK7CYC 800KVAR  | TAJ7DAC 1000KVAR | TAJ7HCC 1250KVAR | TAJ7DED 1500KVAR | TAJ7DJC 2500KVAR  | TAJ7DKC 3000KVAR  |
| <b>300/5 (60:1)</b>    | TAJ7BTC 60KVAR   | TAJ7CCC 120KVAR  | TAJ7CEC 150KVAR  | TAJ7CTC 600KVAR  | TAJ7CZC 900KVAR  | RDH7DAC 1000KVAR | TAJ7DCC 1200KVAR | TAJ7DEC 1500KVAR | SAJ7HGC 1750KVAR | TAJ7DKC 3000KVAR  | SAJ7DMC 3500KVAR  |
| <b>400/5 (80:1)</b>    | TAJ7BYC 80KVAR   | TAJ7GEC 160KVAR  | TAJ7CGC 200KVAR  | TAJ7CYC 800KVAR  | TAJ7DCC 1200KVAR | WGG7DEC 1500KVAR | TAJ7HEC 1600KVAR | TAJ7DGC 2000KVAR | UFJ7DJC 2500KVAR | TAJ7DNC 4000KVAR  | UFJ7ARD 5MVAR     |
| <b>500/5 (100:1)</b>   | TAJ7CAC 100KVAR  | TAJ7CGC 200KVAR  | TAJ7CJC 250KVAR  | TAJ7DAC 1000KVAR | TAJ7DEC 1500KVAR | TAJ7HGC 1750KVAR | TAJ7DGC 2000KVAR | TAJ7DJC 2500KVAR | TAJ7DKC 3000KVAR | TAJ7ARD 5MVAR     | TAJ7ATD 6MVAR     |
| <b>600/5 (120:1)</b>   | TAJ7CCC 120KVAR  | UFJ7CJC 250KVAR  | TAJ7CKC 300KVAR  | TAJ7DCC 1200KVAR | SAJ7HGC 1750KVAR | RDH7DGC 2000KVAR | TAJ7DHC 2400KVAR | TAJ7DKC 3000KVAR | SAJ7DMC 3500KVAR | TAJ7ATD 6MVAR     | UFJ7AXD 7.5MVAR   |
| <b>800/5 (160:1)</b>   | TAJ7GEC 160KVAR  | PJB7CKC 300KVAR  | TAJ7CNC 400KVAR  | TAJ7HEC 1600KVAR | UFJ7DJC 2500KVAR | WGG7DKC 3000KVAR | PJB7DKC 3000KVAR | TAJ7DNC 4000KVAR | UFJ7ARD 5MVAR    | TAJ7AYD 8MVAR     | UFJ7BAD 10MVAR    |
| <b>1000/5 (200:1)</b>  | TAJ7CGC 200KVAR  | TAJ7CNC 400KVAR  | TAJ7CRC 500KVAR  | TAJ7DGC 2000KVAR | TAJ7DKC 3000KVAR | TAJ7DMC 3500KVAR | TAJ7DNC 4000KVAR | TAJ7ARD 5MVAR    | TAJ7ATD 6MVAR    | TAJ7BAD 10MVAR    | TAJ7BCD 12MVAR    |
| <b>1200/5 (240:1)</b>  | UFJ7CJC 250KVAR  | UFJ7CRC 500KVAR  | TAJ7CTC 600KVAR  | UFJ7DJC 2500KVAR | SAJ7DMC 3500KVAR | RDH7DNC 4000KVAR | UFJ7ARD 5MVAR    | TAJ7ATD 6MVAR    | UFJ7AXD 7.5MVAR  | TAJ7BCD 12MVAR    | UFJ7BED 15MVAR    |
| <b>1500/5 (300:1)</b>  | TAJ7CKC 300KVAR  | TAJ7CTC 600KVAR  | TAJ7CXC 750KVAR  | TAJ7DKC 3000KVAR | TAJ7DPC 4500KVAR | RDH7ARD 5MVAR    | TAJ7ATD 6MVAR    | TAJ7AXD 7.5MVAR  | TAJ7AZD 9MVAR    | TAJ7BED 15MVAR    | SAJ7FGD 17.5MVAR  |
| <b>2000/5 (400:1)</b>  | TAJ7CNC 400KVAR  | TAJ7CYC 800KVAR  | TAJ7DAC 1000KVAR | TAJ7DNC 4000KVAR | TAJ7ATD 6MVAR    | TAJ7AWD 7MVAR    | TAJ7AYD 8MVAR    | TAJ7BAD 10MVAR   | TAJ7BCD 12MVAR   | TAJ7BGD 20MVAR    | UFJ7BJD 25MVAR    |
| <b>2500/5 (500:1)</b>  | TAJ7CRC 500KVAR  | TAJ7DAC 1000KVAR | TAJ7HCC 1250KVAR | TAJ7ARD 5MVAR    | TAJ7AXD 7.5MVAR  | NKK7AYD 8MVAR    | TAJ7BAD 10MVAR   | TAJ7FCD 12.5MVAR | TAJ7BED 15MVAR   | TAJ7BJD 25MVAR    | TAJ7BKD 30MVAR    |
| <b>3000/5 (600:1)</b>  | TAJ7CTC 600KVAR  | TAJ7DCC 1200KVAR | TAJ7DEC 1500KVAR | TAJ7ATD 6MVAR    | TAJ7AZD 9MVAR    | RDH7BAD 10MVAR   | TAJ7BCD 12MVAR   | TAJ7BED 15MVAR   | SAJ7FGD 17.5MVAR | TAJ7BKD 30MVAR    | SAJ7BMD 35MVAR    |
| <b>4000/5 (800:1)</b>  | TAJ7CYC 800KVAR  | TAJ7HEC 1600KVAR | TAJ7DGC 2000KVAR | TAJ7AYD 8MVAR    | TAJ7BCD 12MVAR   | WGG7BED 15MVAR   | TAJ7FED 16MVAR   | TAJ7BGD 20MVAR   | UFJ7BJD 25MVAR   | TAJ7BND 40MVAR    | UFJ7BRD 50MVAR    |
| <b>5000/5 (1000:1)</b> | TAJ7DAC 1000KVAR | TAJ7DGC 2000KVAR | TAJ7DJC 2500KVAR | TAJ7BAD 10MVAR   | TAJ7BED 15MVAR   | TAJ7FGD 17.5MVAR | TAJ7BGD 20MVAR   | TAJ7BJD 25MVAR   | TAJ7BKD 30MVAR   | TAJ7BRD 50MVAR    | TAJ7BTD 60MVAR    |

**TABLE V**

**Varmeter Selector (See Notes, Page 3)**

For 4-Wire 3-Phase (2½-element) Varmeter rated 5A 208V (Zero-Center)

Find Digits 8-14 & scale at Intersection of C.T. & P.T. Ratios

| C.T. RATIO<br>↓            | P.T. RATIO          |                     |                     |                     |                     |                     |                     |                     |                      |                      |                      |
|----------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
|                            | 240/120<br>(2:1)    | 480/120<br>(4:1)    | 600/120<br>(5:1)    | 2400/120<br>(20:1)  | 3600/120<br>(30:1)  | 4200/120<br>(35:1)  | 4800/120<br>(40:1)  | 6000/120<br>(50:1)  | 7200/120<br>(60:1)   | 12000/120<br>(100:1) | 14400/120<br>(120:1) |
| <b>25/5<br/>(5:1)</b>      | AWP7BAC<br>10KVAR   | AWP7BGC<br>20KVAR   | AWP7BJC<br>25KVAR   | AWP7CAC<br>100KVAR  | AWP7CEC<br>150KVAR  | AWP7GGC<br>175KVAR  | AWP7CGC<br>200KVAR  | AWP7CJC<br>250KVAR  | AWP7CKC<br>300KVAR   | AWP7CRC<br>500KVAR   | AWP7CTC<br>600KVAR   |
| <b>50/5<br/>(10:1)</b>     | AWP7BGC<br>20KVAR   | AWP7BNC<br>40KVAR   | AWP7BRC<br>50KVAR   | AWP7CGC<br>200KVAR  | AWP7CKC<br>300KVAR  | AWP7CMC<br>350KVAR  | AWP7CNC<br>400KVAR  | AWP7CRC<br>500KVAR  | AWP7CTC<br>600KVAR   | AWP7DAC<br>1000KVAR  | AWP7DCC<br>1200KVAR  |
| <b>75/5<br/>(15:1)</b>     | AWP7BKC<br>30KVAR   | AWP7BTC<br>60KVAR   | AWP7BXC<br>75KVAR   | AWP7CKC<br>300KVAR  | AWP7CPC<br>450KVAR  | KWE7CRC<br>500KVAR  | AWP7CTC<br>600KVAR  | AWP7CXC<br>750KVAR  | AWP7CZC<br>900KVAR   | AWP7DEC<br>1500KVAR  | AWP7DFC<br>1800KVAR  |
| <b>100/5<br/>(20:1)</b>    | AWP7BNC<br>40KVAR   | AWP7BYC<br>80KVAR   | AWP7CAC<br>100KVAR  | AWP7CNC<br>400KVAR  | AWP7CTC<br>600KVAR  | AWP7CWC<br>700KVAR  | AWP7CYC<br>800KVAR  | AWP7DAC<br>1000KVAR | AWP7DCC<br>12000KVAR | AWP7DGC<br>2000KVAR  | AWP7DHC<br>2400KVAR  |
| <b>150/5<br/>(30:1)</b>    | AWP7BTC<br>60KVAR   | AWP7CCC<br>120KVAR  | AWP7CEC<br>150KVAR  | AWP7CTC<br>600KVAR  | AWP7CZC<br>900KVAR  | KWE7DAC<br>1000KVAR | AWP7DCC<br>1200KVAR | AWP7DEC<br>1500KVAR | AWP7DFC<br>1800KVAR  | AWP7DKC<br>3000KVAR  | ANS7DMC<br>3500KVAR  |
| <b>200/5<br/>(40:1)</b>    | AWP7BYC<br>80KVAR   | AWP7GEC<br>160KVAR  | AWP7CGC<br>200KVAR  | AWP7CYC<br>800KVAR  | AWP7DCC<br>1200KVAR | AWP7DDC<br>1400KVAR | AWP7HEC<br>1600KVAR | AWP7DGC<br>2000KVAR | AWP7DHC<br>2400KVAR  | AWP7DNC<br>4000KVAR  | KSC7DPC<br>4500KVAR  |
| <b>250/5<br/>(50:1)</b>    | AWP7CAC<br>100KVAR  | AWP7CGC<br>200KVAR  | AWP7CJC<br>250KVAR  | AWP7DAC<br>1000KVAR | AWP7DEC<br>1500KVAR | AWP7HCC<br>1750KVAR | AWP7DGC<br>2000KVAR | AWP7DJC<br>2500KVAR | AWP7DKC<br>3000KVAR  | AWP7DRC<br>5000KVAR  | AWP7DTC<br>6000KVAR  |
| <b>300/5<br/>(60:1)</b>    | AWP7CCC<br>120KVAR  | AWP7CHC<br>240KVAR  | AWP7CKC<br>300KVAR  | AWP7DCC<br>1200KVAR | AWP7DFC<br>1800KVAR | KWE7DGC<br>2000KVAR | AWP7DHC<br>2400KVAR | AWP7DKC<br>3000KVAR | ANS7DMC<br>3500KVAR  | AWP7DTC<br>6000KVAR  | ANS7DWC<br>7000KVAR  |
| <b>400/5<br/>(80:1)</b>    | AWP7GEC<br>160KVAR  | AWP7CLC<br>320KVAR  | AWP7CNC<br>400KVAR  | AWP7HEC<br>1600KVAR | AWP7DHC<br>2400KVAR | JTA7DJC<br>2500KVAR | AWP7DLC<br>3200KVAR | AWP7DNC<br>4000KVAR | KSC7DPC<br>4500KVAR  | AWP7DYC<br>8000KVAR  | KSC7DZC<br>9000KVAR  |
| <b>500/5<br/>(100:1)</b>   | AWP7CGC<br>200KVAR  | AWP7CNC<br>400KVAR  | AWP7CRC<br>500KVAR  | AWP7DGC<br>2000KVAR | AWP7DKC<br>3000KVAR | AWP7DMC<br>3500KVAR | AWP7DNC<br>4000KVAR | AWP7DRC<br>5000KVAR | AWP7DTC<br>6000KVAR  | AWP7BAD<br>10MVAR    | AWP7BCD<br>12MVAR    |
| <b>600/5<br/>(120:1)</b>   | AWP7CHC<br>240KVAR  | KSC7CPC<br>450KVAR  | AWP7CTC<br>600KVAR  | AWP7DHC<br>2400KVAR | ANS7DMC<br>3500KVAR | KWE7DNC<br>4000KVAR | KSC7DPC<br>4500KVAR | AWP7DTC<br>6000KVAR | ANS7DWC<br>7000KVAR  | AWP7BCD<br>12MVAR    | ANS7BDC<br>14MVAR    |
| <b>800/5<br/>(160:1)</b>   | AWP7CLC<br>320KVAR  | KSC7CTC<br>600KVAR  | AWP7CYC<br>800KVAR  | AWP7DLC<br>3200KVAR | KSC7DPC<br>4500KVAR | JTA7DRC<br>5000KVAR | KSC7DTC<br>6000KVAR | AWP7DYC<br>8000KVAR | KSC7DZC<br>9000KVAR  | AWP7FED<br>16MVAR    | KSC7BFD<br>18MVAR    |
| <b>1000/5<br/>(200:1)</b>  | AWP7CNC<br>400KVAR  | AWP7CYC<br>800KVAR  | AWP7DAC<br>1000KVAR | AWP7DNC<br>4000KVAR | AWP7DTC<br>6000KVAR | AWP7DWC<br>7000KVAR | AWP7DYC<br>8000KVAR | AWP7BAD<br>10MVAR   | AWP7BCD<br>12MVAR    | AWP7BGD<br>20MVAR    | AWP7BHD<br>24MVAR    |
| <b>1200/5<br/>(240:1)</b>  | KSC7CPC<br>450KVAR  | KSC7CZC<br>900KVAR  | AWP7DCC<br>1200KVAR | KSC7DPC<br>4500KVAR | ANS7DWC<br>7000KVAR | KWE7DYC<br>8000KVAR | KSC7DZC<br>9000KVAR | AWP7BCD<br>12MVAR   | ANS7BDC<br>14MVAR    | AWP7BHD<br>24MVAR    | JLJ7BJD<br>25MVAR    |
| <b>1500/5<br/>(300:1)</b>  | AWP7CTC<br>600KVAR  | AWP7DCC<br>1200KVAR | AWP7DEC<br>1500KVAR | AWP7DTC<br>6000KVAR | AWP7DZC<br>9000KVAR | KWE7BAD<br>10MVAR   | AWP7BCD<br>12MVAR   | AWP7BED<br>15MVAR   | AWP7BFD<br>18MVAR    | AWP7BKD<br>30MVAR    | ANS7BMD<br>35MVAR    |
| <b>2000/5<br/>(400:1)</b>  | AWP7CYC<br>800KVAR  | AWP7HEC<br>1600KVAR | AWP7DGC<br>2000KVAR | AWP7DYC<br>8000KVAR | AWP7BCD<br>12MVAR   | AWP7BDC<br>14MVAR   | AWP7FED<br>16MVAR   | AWP7BGD<br>20MVAR   | AWP7BHD<br>24MVAR    | AWP7BND<br>40MVAR    | KSC7BPD<br>45MVAR    |
| <b>2500/5<br/>(500:1)</b>  | AWP7DAC<br>1000KVAR | AWP7DGC<br>2000KVAR | AWP7DJC<br>2500KVAR | AWP7BAD<br>10MVAR   | AWP7BED<br>15MVAR   | AWP7FGD<br>17.5MVAR | AWP7BGD<br>20MVAR   | AWP7BJD<br>25MVAR   | AWP7BKD<br>30MVAR    | AWP7BRD<br>50MVAR    | AWP7BTD<br>60MVAR    |
| <b>3000/5<br/>(600:1)</b>  | AWP7DCC<br>1200KVAR | AWP7DHC<br>2400KVAR | AWP7DKC<br>3000KVAR | AWP7BCD<br>12MVAR   | AWP7BFD<br>18MVAR   | KWE7BGD<br>20MVAR   | AWP7BHD<br>24MVAR   | AWP7BKD<br>30MVAR   | ANS7BMD<br>35MVAR    | AWP7BTD<br>60MVAR    | ANS7BWD<br>70MVAR    |
| <b>4000/5<br/>(800:1)</b>  | AWP7HEC<br>1600KVAR | AWP7DLC<br>3200KVAR | AWP7DNC<br>4000KVAR | AWP7FED<br>16MVAR   | AWP7BHD<br>24MVAR   | JTA7BJD<br>25MVAR   | AWP7BLD<br>32MVAR   | AWP7BND<br>40MVAR   | KSC7BPD<br>45MVAR    | AWP7BYD<br>80MVAR    | KSC7BZD<br>90MVAR    |
| <b>5000/5<br/>(1000:1)</b> | AWP7DGC<br>2000KVAR | AWP7DNC<br>4000KVAR | AWP7DRC<br>5000KVAR | AWP7BGD<br>20MVAR   | AWP7BKD<br>30MVAR   | AWP7BMD<br>35MVAR   | AWP7BND<br>40MVAR   | AWP7BRD<br>50MVAR   | AWP7BTD<br>60MVAR    | AWP7CAD<br>100MVAR   | AWP7CCD<br>120MVAR   |