
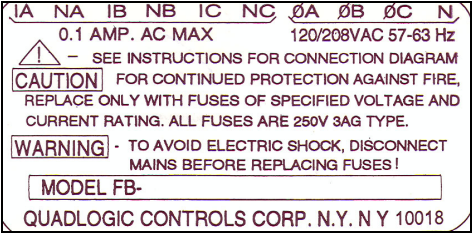
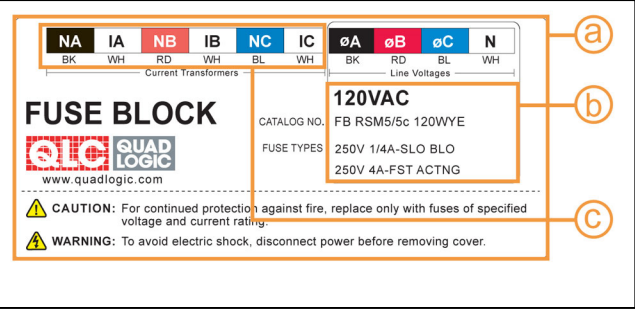


Product Notification RSM-5 Improvements

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| Date of Release: | December 20, 2006 |
| Background: | Effective January 2, 2007 all Quadlogic RSM-5 meters will be sold under new catalog numbers. Please be advised that there are two product changes to these meters. |

| New Catalog Numbers: | Meters | Meters | Meter Kits |
|----------------------|--|---|--|
| | 3-Phase Meter - 0.1 AMP Wye RSM5 120 01A RSM5 277 01A RSM5 120 01A D RSM5 277 01A D RSM5 120 01A M D RSM5 277 01A M D RSM5 120 01A RS D RSM5 277 01A RS D RSM5 120 01A PD RSM5 277 01A PD DELTA ("DTA") RSM5 480DTA01A D RSM5 480DTA01AMD RSM5 480DTA01ARSD RSM5 480DTA01A PD | 3-Phase Meter - CL10 Wye RSM5 120 CL10 RSM5 277 CL10 RSM5 120 CL10 D RSM5 277 CL10 D RSM5 120 CL10 M D RSM5 277 CL10 M D RSM5 120 CL10 RS D RSM5 277 CL10 RS D RSM5 120 CL10 PD RSM5 277 CL10 PD DELTA ("DTA") RSM5 480DTACL10 D RSM5 480DTACL10MD RSM5 480DTACL10RSD RSM5 480DTACL10 PD | 3-Phase kWh Wye RSM5 1201600-3 RSM5 1203200-3 RSM5 2771600-3 RSM5 2773200-3 3-Phase Demand Wye RSM5 1201600-3D RSM5 1203200-3D RSM5 2771600-3D RSM5 2773200-3D 3-Phase Demand DELTA ("DTA") RSM5 480DTA1600-2D RSM5 480DTA3200-2D |

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|---|--|
| Product Change: (details below) | <p>1. New Fuseblock Label</p> <p>a. All RSM-5 meters shipped after 1/2/07 will show white wire as polarity (I) and color wire as non-polarity or neutral (N). <u>There is no actual change to the wiring of the CTs, just the labeling of the fuseblock.</u> This wiring will be consistent with industry standard, as well as our existing MiniCloset CT wiring.</p> <p>b. The fuseblock catalog number and fuse types will be on the label to facilitate reordering as needed.</p> <p> This document does not suggest that existing RSM-5 meter fuseblock label is incorrect. Rather, Quadlogic is simply adjusting the labeling of our RSM-5 fuseblock to be consistent with industry standards.</p> <p>All RSM-5 mters shipped after 1/2/07.</p> |
| Effected Catalog Numbers: | |
| Product Change: (details below) | <p>2. Multiplier Change (Only RSM-5 CL10 (with HCA) meters)</p> <p>Meters with the new catalog numbers will use a different reading multiplier as shown in the table below.</p> <p>All RSM-5 CL10 meters with HCAs shipped after 1/2/07.</p> |
| Effected Catalog Numbers: | |

| <p>Fuseblock Label:</p> | <p>Old Fuseblock Label</p>  <p>New Fuseblock Label</p>  <p>Details of Changes</p> <ol style="list-style-type: none"> New overall fuseblock label design. Addition of Catalog No. and Fuse Types to label. Revision of CT terminal polarity identification. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|----------------|----------------|----------------|-------|-----|------|-------|-----|------|-------|-----|------|-------|------|-------|-------|------|-------|--------|------|-------|--------|------|-------|--------|------|-------|--------|------|-------|--------|------|-------|--------|------|-------|
| <p>Multiplier Change:</p> | <p>When reading the meter display, all consumption and demand values must be multiplied by the correct multiplier to calculate true value. This includes all register values (kWh, kW, kVARHLg, kVARHLd, etc.) and Phase Diagnostic values (real time Amps, Watts, etc.)</p> <p>Volts, phase angle, frequency and power factor are displayed on the LCD as their true values and should not be multiplied.</p> <p>The "New Multiplier" column is to be used when reading only RSM CL 10 (meters with HCAs) listed above. (Note the "CL 10" is included in every effected catalog number.)</p> <p>RSM-5 CL10 Multiplier Table</p> <table border="1" data-bbox="475 1325 1027 1717"> <thead> <tr> <th>CT Rating</th> <th>Old Multiplier</th> <th>New Multiplier</th> </tr> </thead> <tbody> <tr><td>100:5</td><td>x 2</td><td>x 20</td></tr> <tr><td>200:5</td><td>x 4</td><td>x 40</td></tr> <tr><td>400:5</td><td>x 8</td><td>x 80</td></tr> <tr><td>600:5</td><td>x 12</td><td>x 120</td></tr> <tr><td>800:5</td><td>x 16</td><td>x 160</td></tr> <tr><td>1200:5</td><td>x 24</td><td>x 240</td></tr> <tr><td>1500:5</td><td>x 30</td><td>x 300</td></tr> <tr><td>1600:5</td><td>x 32</td><td>x 320</td></tr> <tr><td>2000:5</td><td>x 40</td><td>x 400</td></tr> <tr><td>3000:5</td><td>x 60</td><td>x 600</td></tr> <tr><td>4000:5</td><td>x 80</td><td>x 800</td></tr> </tbody> </table> | CT Rating | Old Multiplier | New Multiplier | 100:5 | x 2 | x 20 | 200:5 | x 4 | x 40 | 400:5 | x 8 | x 80 | 600:5 | x 12 | x 120 | 800:5 | x 16 | x 160 | 1200:5 | x 24 | x 240 | 1500:5 | x 30 | x 300 | 1600:5 | x 32 | x 320 | 2000:5 | x 40 | x 400 | 3000:5 | x 60 | x 600 | 4000:5 | x 80 | x 800 |
| CT Rating | Old Multiplier | New Multiplier | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100:5 | x 2 | x 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 200:5 | x 4 | x 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 400:5 | x 8 | x 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 600:5 | x 12 | x 120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 800:5 | x 16 | x 160 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1200:5 | x 24 | x 240 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1500:5 | x 30 | x 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1600:5 | x 32 | x 320 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2000:5 | x 40 | x 400 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3000:5 | x 60 | x 600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4000:5 | x 80 | x 800 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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