# NEMA MW 1000-2016 Product Identification Number (PIN) Table

<table>
<thead>
<tr>
<th>PIN Column Information</th>
<th>NEMA MW Symbol</th>
<th>Type of Insulation</th>
<th>Type of Conductor</th>
<th>Insulation Build</th>
<th>Additional Insulation Information</th>
<th>Size</th>
<th>Type of Lubricant</th>
<th>Insulation Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIN Spaces</td>
<td>2</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>6</td>
<td>1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>PIN Position</td>
<td>1-2</td>
<td>3-5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9-14</td>
<td>15</td>
<td>16-17</td>
</tr>
<tr>
<td>PIN Data</td>
<td>MW</td>
<td>NEMA MW Standard (Number)</td>
<td>C-Copper A-Aluminum</td>
<td>B-Bare S-Single H-Heavy T-Triple Q-Quad 1-Type 1 2-Type 2 3-Type 3 4-FIW 4 5-FIW 5 6-FIW 6 7-FIW 7 8-FIW 8 9-FIW 9</td>
<td>x</td>
<td>Round</td>
<td>Start at far right with last digit.</td>
<td>P-Paraffin wax O-Mineral oil S-Special N-None U-Unspecified</td>
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Explanation of additional insulation information:
- **x**: film-coated only
- **Glass fiber covered wire**
  - a: single glass fiber
  - c: single polyester glass fiber
  - d: double polyester glass fiber
- **Paper/Nomex Tape covered wire**
  - e: single tape .002” 0 to 1/2 lap
  - f: single tape .002” 1/2 to 2/3 lap
  - g: double tape .002” 0 to 1/2 lap
  - h: double tape .002” 1/2 to 2/3 lap
  - i: single tape .003” 0 to 1/2 lap
  - j: single tape .003” 1/2 to 2/3 lap
  - k: single tape 1/2 to 2/3 lap
  - l: double tape 1/2 to 2/3 lap
  - m: double paper single cotton
- **Polyimide tape covered wire**
  - k: single tape 1/2 to 2/3 lap
  - l: double tape 1/2 to 2/3 lap
  - m: double paper single cotton

Examples:
- 18 AWG Round Single Build MW 80-C, red with paraffin wax lubrication would have a PIN of MW080CSx00018Prd
- 16-1/2 AWG Round Heavy Build MW 35-C, green with paraffin wax lubrication would have a PIN of MW035CHx0016.5Pgn
- 6 AWG Square Heavy Build MW 36-C, natural with oil lubrication would have a PIN of MW036CHx1621620nc
- 0.100” x 0.230” Single Glass Fiber over Heavy Film MW 42-C would have a PIN of MW042CHA100230Nnc