### Power cable connection

<table>
<thead>
<tr>
<th>Color and wire number</th>
<th>Function</th>
<th>Drawing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black wire with number 1 or U</td>
<td>Phase 1 (PH1)</td>
<td></td>
</tr>
<tr>
<td>Black wire with number 2 or V</td>
<td>Phase 2 (PH2)</td>
<td></td>
</tr>
<tr>
<td>Black wire with number 3 or W</td>
<td>Phase 3 (PH3)</td>
<td></td>
</tr>
<tr>
<td>Yellow and green wire</td>
<td>Ground (GND)</td>
<td></td>
</tr>
<tr>
<td>Black wire with number Br1 or 5 or white cable</td>
<td>Neutral point wire (present only on some motor types)</td>
<td></td>
</tr>
</tbody>
</table>

| Black wire with number Br2 or 6 or black wire without label | None(**) |  |

(**): This wire is automatically present when the neutral point wire (which is an option) is added in the motor as it is a 2 x 1 or 2 x 1.5 mm² cable.

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<table>
<thead>
<tr>
<th>Characteristics</th>
<th>1 x 1.5</th>
<th>1 x 2.5</th>
<th>1 x 4</th>
<th>1 x 6</th>
<th>1 x 10</th>
<th>1 x 16</th>
<th>Sensor cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicable motors</td>
<td>TMK0291</td>
<td>TMK0360</td>
<td>TMK0360</td>
<td>TMK0360</td>
<td>TMK0530</td>
<td>TMK0530</td>
<td>TMK0175</td>
</tr>
<tr>
<td>Minimum bend radius for fixed cable</td>
<td>R = 5XD</td>
<td>R = 4XD</td>
<td>R = 4XD</td>
<td>R = 4XD</td>
<td>R = 4XD</td>
<td>R = 4XD</td>
<td>R = 6XD</td>
</tr>
<tr>
<td>Minimum bend radius for moving cable</td>
<td>R = 10XD</td>
<td>R = 7.5XD</td>
<td>R = 7.5XD</td>
<td>R = 7.5XD</td>
<td>R = 7.5XD</td>
<td>R = 12XD</td>
<td></td>
</tr>
</tbody>
</table>

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**(**): Red wire (if present) is not connected on the motor side and cutted flush on cable extremity.

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**Note:**

- Red wire (if present) is not connected on the motor side and cutted flush on cable extremity.

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**Material:**

- Black wire with number 1 or U (PH1)
- Black wire with number 2 or V (PH2)
- Black wire with number 3 or W (PH3)
- Yellow and green wire (Ground GND)
- Black wire with number Br1 or 5 or white cable (Neutral point wire)
- Black wire with number Br2 or 6 or black wire without label (None)

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**Surface treatment:**

- All TMK

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**Technical data:**

- TMK sensor config. and cables prop. (interface)
- TMK config. capteur et prop. câbles (interface)

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**Additional information:**

- All TMK
- Surface treatment: ISO 8015:2011
- Grounding: PE = yellow/green wire
- Phase 1 = wire 1
- Phase 2 = wire 2
- Phase 3 = wire 3
- Black wire with number 1 or U (PH1)
- Black wire with number 2 or V (PH2)
- Black wire with number 3 or W (PH3)
- Yellow and green wire (Ground GND)
- Black wire with number Br1 or 5 or white cable (Neutral point wire)
- Black wire with number Br2 or 6 or black wire without label (None)

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**Disclaimer:**

- The information provided in this document is subject to change and does not represent the final product. It is not to be used for manufacturing or production purposes.

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