Mounting condition

Y (3/4)

Magnets safety clearance

For temperature sensor configuration, see Handbook
Mounting condition

Detail Y
Magnets safety clearance

For temperature sensor configuration, see Handbook.
Sensor configuration 8

- White
- Brown
- Green
- Yellow
- Grey
- Pink
- Blue
- Red (*)

Phase 1
Phase 2
Phase 3

KTY84 KTY84 KTY84 SMN120 S01.120

Sensor configuration H

- White
- Brown
- Green
- Yellow
- Grey
- Pink
- Blue
- Red (*)

Phase 1
Phase 2
Phase 3

KTY84 KTY84 KTY84 KTY84 KTY84 KTY84

Sensor configuration T

- White
- Brown
- Green
- Yellow
- Grey
- Pink
- Blue
- Red

Phase 1
Phase 2
Phase 3

PT 1000 PT 1000 PT 1000

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>Neutral point wire (present only on some motor types)</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>
<tr>
<td>Black wire with number Br2 or 6 or black wire without label</td>
<td>None(**)</td>
<td></td>
</tr>
</tbody>
</table>

(**): 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 1.5 mm² cable.

Wire section (mm²)

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>4 x 1.5</th>
<th>4 x 1.5 + 2 x 1.5</th>
<th>4 x 2.5</th>
<th>4 x 2.5 + 2 x 1.5</th>
<th>4 x 4</th>
<th>4 x 4 + 2 x 1.5</th>
<th>4 x 10</th>
<th>4 x 10 + 2 x 1.5</th>
<th>Sensor cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicable motors:</td>
<td>0140</td>
<td>0175</td>
<td>0210</td>
<td>0291</td>
<td>0360</td>
<td>0450</td>
<td>0530</td>
<td>0600</td>
<td>0450</td>
</tr>
<tr>
<td>TMM / TML</td>
<td>0140</td>
<td>0175</td>
<td>0210</td>
<td>0291</td>
<td>0360</td>
<td>0450</td>
<td>0530</td>
<td>0600</td>
<td>0450</td>
</tr>
<tr>
<td>Minimum bend radius for fixed cable</td>
<td>R = 4 x D</td>
<td>R = 5 x D</td>
<td>R = 4 x D</td>
<td>R = 5 x D</td>
<td>R = 4 x D</td>
<td>R = 4 x D</td>
<td>R = 4 x D</td>
<td>R = 4 x D</td>
<td>R = 4 x D</td>
</tr>
<tr>
<td>Minimum bend radius for moving cable</td>
<td>R = 7.5 x D</td>
<td>R = 7.5 x D</td>
<td>R = 7.5 x D</td>
<td>R = 7.5 x D</td>
<td>R = 7.5 x D</td>
<td>R = 7.5 x D</td>
<td>R = 7.5 x D</td>
<td>R = 7.5 x D</td>
<td>R = 7.5 x D</td>
</tr>
</tbody>
</table>

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