Mounting condition

Z (12:1)

Detail-Y

Magnet's safety clearance

Y (14:1)

Identification label

Identification label

Power cable connection

Phase 1 = Wire 1
Phase 2 = Wire 2
Phase 3 = Wire 3
Ground = Wire yellow-Green
Neutral = Wire 5 or Blk or White
Not connected = Wire 6 or Blk or Black

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
- KTY84
- SNM120
- SO1.120

**Sensor configuration H**

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

(+): Phase 1
(+): Phase 2
(+): Phase 3

- KTY84
- 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

**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>
<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: TMM / TML</td>
<td>0140 0175 0175 0210</td>
<td>0210 0210 0210 0210</td>
<td>0291 0291 0291 0291</td>
<td>0360 0360 0360 0360</td>
<td>0450 0450 0450 0450</td>
<td>0530 0530 0530 0530</td>
<td>0530 0530 0530 0530</td>
<td>All TMM / TML</td>
<td></td>
</tr>
</tbody>
</table>

**Minimum bend radius for fixed cable**

R = 4 X D
R = 5 X D
R = 4 X D
R = 5 X D
R = 4 X D
R = 4 X D
R = 4 X D
R = 6 X D

**Minimum bend radius for moving cable**

R = 7.5 x D
R = 7.5 x D
R = 7.5 x D
R = 7.5 x D
R = 7.5 x D
R = 7.5 x D
R = 7.5 x D
R = 12 X D

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