Motor to Hall Relationship

Line Define

Power Wire

- Red: Motor U
- Yellow: Motor V
- Blue: Motor W

Feedback Wire

<table>
<thead>
<tr>
<th>Hall line colour</th>
<th>Hall signal definition</th>
<th>Plug serial number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange and black</td>
<td>5V</td>
<td>1</td>
</tr>
<tr>
<td>Orange</td>
<td>0V</td>
<td>2</td>
</tr>
<tr>
<td>Yellow</td>
<td>Hall A</td>
<td>4</td>
</tr>
<tr>
<td>Blue</td>
<td>Hall B</td>
<td>5</td>
</tr>
<tr>
<td>Green</td>
<td>Hall C</td>
<td>6</td>
</tr>
</tbody>
</table>

Motor power line: a length of 500 mm
Plug-in models: SP75-8#
Hall signal lines: a length of 500 mm
Plug-in type: DJ7061-1.5

Technical Data

- Type: 180WD-M25010-48V
- Power (KW): 2.6
- Rated voltage (V): 48
- Rated current (A): 64
- Rated speed (rpm): 1000
- Rated torque (NM): 25
- Rotor inertia (Kgcm²): 55
- Protection rank: IP65
- Insulation rank: F
- Appropriate environment: Temperature: 0~50°C, Humidity: <90% (No dewdrop)
- Motor weight (KG): 26

Motor weight (KG): 26

PHASE TO GROUND VOLTAGE

ROTATION CW FROM THE FLANGE

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Motor to Hall Relationship

Line Define

Power Wire
- Red: Motor U
- Yellow: Motor V
- Blue: Motor W

Feedback Wire
- Hall line definition
  - Orange and black: 5V, 1
  - Orange: 0V, 2
  - Yellow: Hall A, 4
  - Blue: Hall B, 5
  - Green: Hall C, 6

Technical Data

<table>
<thead>
<tr>
<th>Type</th>
<th>180WD-M25010-72V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (KW)</td>
<td>2.6</td>
</tr>
<tr>
<td>Rated voltage (V)</td>
<td>72</td>
</tr>
<tr>
<td>Rated current (A)</td>
<td>4.3</td>
</tr>
<tr>
<td>Rated speed (rpm)</td>
<td>1000</td>
</tr>
<tr>
<td>Rated torque (NM)</td>
<td>25</td>
</tr>
<tr>
<td>Rotor inertia (Kgcm²)</td>
<td>55</td>
</tr>
<tr>
<td>Protection rank</td>
<td>IP65</td>
</tr>
<tr>
<td>Insulation rank</td>
<td>F</td>
</tr>
<tr>
<td>Appropriate environment</td>
<td>Temperature: 0–50°C, Relative: &lt;90% (No dewdrop)</td>
</tr>
<tr>
<td>Motor weight (KG)</td>
<td>26</td>
</tr>
</tbody>
</table>

Motor power line: a length of 500 mm
Plug-in models: SP75-8#

Hall signal lines: a length of 500 mm
Plug-in type: DJ7061-1.5

Motor to Hall Relationship

PHASE TO GROUND VOLTAGE
ROTATION CW FROM THE FLANGE
Motor to Hall Relationship

Hall line
colour
Hall signal
definition

Orange and black
Orange
Yellow
Blue
Hall A
Hall B
Hall C

Feedback Wire

Power Wire

Red
Yellow
Blue
Motor U
Motor V
Motor W

Line Define

Motor power line: a length of 500 mm
Plug-in models: SP75-8#
Hall signal lines: a length of 500 mm
Plug-in type: DJ7061-1.5

Technical Data

Type: 180WD-M25010-96V
Power (KW): 2.6
Rated voltage (V): 96
Rated current (A): 32
Rated speed (rpm): 1000
Rated torque (NM): 25
Rotor inertia (Kgcm²): 55
Protection rank: IP65
Insulation rank: F

Appropriate environment:
Temperature: 0 ~ 50℃
Humidity: <90%
(No dewdrop)
Motor weight (KG): 26