PRN High Torque range - Sensing

Order Codes

<table>
<thead>
<tr>
<th>PRN50SE/DE</th>
<th>MA-1</th>
<th>MA-2L</th>
<th>MA-2H</th>
<th>MT-3</th>
<th>MTP-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA-1</td>
<td>Relay, PLC</td>
<td>Reed switch</td>
<td>Reed switch</td>
<td>Relay, IC circuit</td>
<td>Relay, PLC</td>
</tr>
<tr>
<td>MA-2L</td>
<td>AC100/110</td>
<td>AC100/110</td>
<td>AC200/220</td>
<td>DC 5 to 30</td>
<td>DC 10 to 30</td>
</tr>
<tr>
<td>MA-2H</td>
<td>5 to 150</td>
<td>5 to 150</td>
<td>5 to 150</td>
<td>5 to 200</td>
<td>5 to 200</td>
</tr>
<tr>
<td>MT-3</td>
<td>Red LED up at ON</td>
<td>Red LED up at ON</td>
<td>Red LED up at ON</td>
<td>Red LED up at ON</td>
<td>Red LED up at ON</td>
</tr>
<tr>
<td>MTP-3</td>
<td>4,5VA</td>
<td>4,5VA</td>
<td>4,5VA</td>
<td>20 mA at 24V</td>
<td>20 mA at 24V</td>
</tr>
</tbody>
</table>

Technical data

- Application: Relay, PLC, IC circuit
- Output method: Reed switch, Reed switch
- Operating voltage (V): AC100/110, AC200/220
- Operating current (mA): 5 to 150, 5 to 150
- Indicating lamp: Red LED up at ON, Red LED up at ON
- Consumption: 4,5VA
- Surge suppressor: 4 mA at 5V
- Internal voltage drop: 2 V or less
- Max. leak current: 10 µA
- Average operating time: 1 ms
- Shock resistance: 294 m/s²
- Operating temperature: 5 to 60 °C
- Protection: IP67
- Lead wire: 1 m, 2-core

Dimensions (mm)

- MA-1, MA-2
- MT-3, MTP-3

The switch unit consists of a 3-part mounting hardware combined with either a reed type or a solid state type sensors. The 3 parts hardware are to be ordered separately:
- Base bracket
- Magnet arm
- Switch mounting (except for PRN800)

Switch units used with hydro-cushion.