Series PD2-T42 (1.8 A) Clock input (without fan) High Torque Stepper Motor with integrated Driver

Technical Characteristics:

- **Operating Voltage:** DC 24 to 48 V
- **max. Phase Current:** 1.8 A / phase
- **Resolution:** 200, 400, 800, 1000, 1600, 2000 steps/rev.
- **Step setting:** via DIP-switch
- **Step frequency:** 0 to 40 kHz
- **Current down:** automatically to approx. 50%
- **Inputs Signals:** via optocoupler 5 V and 24 V
- **Protective circuit:** thermal switching off +155 °C (driver),
- **Temperature range:** 0 to +40 °C
- **Connection type:** via 9-pin D-SUB plugs
- **Delivery status:** 1/1 step. 1.8 A/phase

Attention: A charging capacitor of at least 4.700 µF has to be provided in the supply voltage so that the permissible voltage is not exceeded during the braking process.

<table>
<thead>
<tr>
<th>Type</th>
<th>Holding Torque Nom</th>
<th>Current per phase</th>
<th>Operating Voltage</th>
<th>Step resolution</th>
<th>Weight kg</th>
<th>&quot;A&quot; mm</th>
<th>Options</th>
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</thead>
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<td>PD2-T4218S1804</td>
<td>20</td>
<td>1.8 A</td>
<td>24-48 V</td>
<td>200; 400; 800;1000;1600; 2000</td>
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<td>33.0</td>
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