**SD Type**

- Speed set device built-in
- The speed volume switch enables to adjust the rotation speed.
- Instant stop with electromagnetic brake is available;
- 8P compact plug-in type is applied;
- Wide variation in options are available.

**EX Type**

- Soft start, soft down function available:
  Excellent in the performance of softly starting and down speed, with a max 5sec speed adjustment.
- High response in switching
  High and stable response in switch change.
- Improved the instant stop function
- Parallel operation is possible:
  Enable to operate several motors with single controller.
- Able to connect other control systems
  Able to control with the voltage signal as well.

- Possible to operate slowly starting, gradually减速 and stop.
- Slow operation with a maximum adjustment of 5 seconds, and then smoothly start and stop.
- Improved the stability of the motor operation.
- More stable and smooth operation.
- More stable instant stop function.
- Stable operation
  When the operation is stopped, it is possible to control multiple motors.
- With a control system
  When connecting different control systems, it is possible to control the motors accurately.
- Using the voltage signal
  It is possible to control with the voltage signal as well.

- Soft start, soft stop is possible.
  A maximum of 5 seconds can be adjusted.
- Soft start and stop
  Excellent in the performance of slowly starting and stopping.
- Improved instant stop function
- Parallel operation is possible:
  Enable to operate several motors with single controller.
- Able to connect other control systems
  Can control with the voltage signal as well.

**Specifications**

- Motor type
  - 8P compact plug-in type
- Motor control
  - Soft start, soft stop
  - Improved instant stop function
- Parallel operation
  - Enable to operate several motors with single controller.
- Other control systems
  - Able to control with the voltage signal as well.

- Motor speed
  - Adjustable
- Motor torque
  - Variable
- Motor rotation direction
  - Reversible
- Motor protection
  - Overcurrent protection

- Motor temperature
  - Monitoring
- Motor noise
  - Reduced

- Motor error
  - Detection
- Motor alarm
  - Display

- Motor control
  - Digital input/output
- Motor communication
  - Serial interface

- Motor software
  - Updateable
- Motor maintenance
  - Easy maintenance

- Motor accessories
  - Optional accessories
- Motor installation
  - Easy installation

- Motor warranty
  - One year warranty

- Motor application
  - Industrial applications
- Motor environment
  - Industrial applications
- Motor usage
  - Continuous use
- Motor compatibility
  - With other control systems
- Motor safety
  - Safety certified

- Motor documentation
  - User manual
- Motor support
  - Technical support

- Motor service
  - Repair service
- Motor repair
  - Easy repair

- Motor ordering
  - Order by part number
- Motor delivery
  - Expedited delivery

- Motor availability
  - Stock availability
- Motor delivery time
  - Fast delivery

- Motor certification
  - UL certified
- Motor specification
  - Detailed specifications

- Motor safety standard
  - Industry standard
- Motor compliance
  - Compliance with regulations

- Motor quality
  - High quality
- Motor reliability
  - Reliable performance

- Motor performance
  - Excellent performance
- Motor efficiency
  - Energy efficient

- Motor lifetime
  - Long lifetime
- Motor maintenance
  - Low maintenance

- Motor cost
  - Competitive price
- Motor value
  - High value
## Specifications

<table>
<thead>
<tr>
<th>Spec</th>
<th>SD Type</th>
<th>EX Type</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td><strong>DV-1101</strong></td>
<td><strong>DV-1131</strong></td>
</tr>
<tr>
<td></td>
<td><strong>DV-1102</strong></td>
<td><strong>DV-1132</strong></td>
</tr>
<tr>
<td></td>
<td><strong>DV-1104</strong></td>
<td><strong>DV-1134</strong></td>
</tr>
<tr>
<td></td>
<td><strong>DV-1201</strong></td>
<td><strong>DV-1231</strong></td>
</tr>
<tr>
<td></td>
<td><strong>DV-1202</strong></td>
<td><strong>DV-1234</strong></td>
</tr>
<tr>
<td><strong>Rated Voltage</strong></td>
<td>100V</td>
<td>100V</td>
</tr>
<tr>
<td></td>
<td>200V</td>
<td>200V</td>
</tr>
<tr>
<td><strong>Operation Volt Range</strong></td>
<td>±10%</td>
<td>±10%</td>
</tr>
<tr>
<td></td>
<td>±10%</td>
<td>±10%</td>
</tr>
<tr>
<td><strong>Power Source Freq</strong></td>
<td>50/60Hz</td>
<td>50/60Hz</td>
</tr>
<tr>
<td><strong>Rated Current</strong></td>
<td>0.4A, 1A, 2A, 0.3A, 0.6A, 1A, 0.4A, 1A, 2A, 0.3A, 0.6A, 1A</td>
<td>0.4A, 1A, 2A, 0.3A, 1A</td>
</tr>
<tr>
<td><strong>Applicable Motor Output</strong></td>
<td>3~10W</td>
<td>3~10W</td>
</tr>
<tr>
<td></td>
<td>15~40W</td>
<td>15~40W</td>
</tr>
<tr>
<td></td>
<td>60~90W</td>
<td>60~90W</td>
</tr>
<tr>
<td></td>
<td>6~20W</td>
<td>6~20W</td>
</tr>
<tr>
<td></td>
<td>25~40W</td>
<td>25~40W</td>
</tr>
<tr>
<td></td>
<td>60~90W</td>
<td>60~90W</td>
</tr>
<tr>
<td></td>
<td>2~40W</td>
<td>2~40W</td>
</tr>
<tr>
<td></td>
<td>60~90W</td>
<td>60~90W</td>
</tr>
<tr>
<td></td>
<td>2~20W</td>
<td>2~20W</td>
</tr>
<tr>
<td></td>
<td>6~25W</td>
<td>6~25W</td>
</tr>
<tr>
<td></td>
<td>10~90W</td>
<td>10~90W</td>
</tr>
<tr>
<td><strong>Response</strong></td>
<td>High response</td>
<td>High stability</td>
</tr>
<tr>
<td><strong>Speed Control Range</strong></td>
<td>90<del>1400rpm/90</del>1700rpm</td>
<td>90<del>1400rpm/90</del>1700rpm</td>
</tr>
<tr>
<td></td>
<td>50<del>1400rpm/50</del>1700rpm</td>
<td></td>
</tr>
<tr>
<td><strong>Speed Variation</strong></td>
<td>5%</td>
<td>5%</td>
</tr>
<tr>
<td></td>
<td>Mix. 5%</td>
<td>Max. 3%</td>
</tr>
<tr>
<td><strong>Speed Set Device</strong></td>
<td>Built in (External speed set device attachable)</td>
<td>With external speed set device</td>
</tr>
<tr>
<td><strong>Control</strong></td>
<td>Run electric brake for certain period to motor</td>
<td>Run electric brake for certain period to motor</td>
</tr>
<tr>
<td></td>
<td>Run electric brake for certain period to motor</td>
<td>Run electric brake for certain period to motor</td>
</tr>
<tr>
<td><strong>Electric Brake Period</strong></td>
<td>0.5sec</td>
<td>0.5sec</td>
</tr>
<tr>
<td></td>
<td>Max. 0.5sec</td>
<td></td>
</tr>
<tr>
<td><strong>Parallel Operation</strong></td>
<td>Not suitable for parallel operation</td>
<td>Not suitable for parallel operation</td>
</tr>
<tr>
<td><strong>Soft Start/Soft Stop</strong></td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>possible</td>
<td></td>
</tr>
<tr>
<td><strong>Operation Temperature</strong></td>
<td>−10~50°C</td>
<td>−10~50°C</td>
</tr>
<tr>
<td></td>
<td>−10~50°C</td>
<td>−10~50°C</td>
</tr>
<tr>
<td><strong>Storage Temperature</strong></td>
<td>−20~60°C</td>
<td>−20~60°C</td>
</tr>
<tr>
<td></td>
<td>−20~60°C</td>
<td>−20~60°C</td>
</tr>
</tbody>
</table>

※1. Suitable motors are G-series variable speed types.
※2. The electric brake does not have retentiveness.
※3. Single phase only.

※1. 전용모터는 화성G시리즈 사양형 모터로 합니다. 또한 모터의 고장은 사양의 편을
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   단락이