



## Sanyo Denki - Q SANMOTION Servo Amplifiers

### QS1A01AT04501PWA



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The **QS1A01AT04501PWA** is a part of the **Q SANMOTION Servo Amplifiers Series** by **Sanyo Denki**.

## Specifications

|                                       |                                                  |                                       |                                   |                                      |                                  |
|---------------------------------------|--------------------------------------------------|---------------------------------------|-----------------------------------|--------------------------------------|----------------------------------|
| <b>Ambient Operating Temperature:</b> | 0°C to 55°C                                      | <b>Cooling Method:</b>                | Built-in fan cooling              | <b>Current Input Limit:</b>          | 2.0 V DC (~15% of rated current) |
| <b>Dynamic Braking Resistor:</b>      | Built-in or none                                 | <b>Encoder Type:</b>                  | Fully closed-loop (high-accuracy) | <b>I/O Interface:</b>                | CN1 digital/analog I/O           |
| <b>Input Power:</b>                   | 100 V or 200 V AC                                | <b>Max 90° Phase Pulse Frequency:</b> | 1.25 MHz                          | <b>Max Standard Pulse Frequency:</b> | 5 MHz                            |
| <b>Protection Functions:</b>          | Overcurrent, overvoltage, overload, sensor error | <b>Rated Output Power:</b>            | 45 W                              | <b>Regeneration Control:</b>         | Built-in energy recovery         |
| <b>Servo System:</b>                  | Rotary                                           | <b>Speed Control Range:</b>           | 1:5000                            | <b>Last Verified:</b>                | 07/10/2025 10:37 PM              |

## Contact Us

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## Shipping Options



## Payment Methods



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