

## CANopen Products

CANopen-Compatible Stepper and Servo Products



### Product Features

- Stepper and servo products with integrated CANopen communications
- Compatible with DS301 and DSP402 specifications
- Profile Position mode
- Profile Velocity mode
- Profile Torque mode (servo and StepSERVO only)
- Homing modes
- Applied Motion-specific objects for running stored Q programs
- Applied Motion-specific objects for accessing data registers

### Series Details

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Applied Motion Products offers a range of stepper and servo products with built-in CANopen communications. CANopen is a standardized communication protocol for use in distributed automation control systems. It is a popular fieldbus option for applications that require the transmission of time-critical data to and from the devices on the network.

CANopen products from Applied Motion adhere to CAN in Automation (CiA) specifications DS301 and DSP402. Profile Position, Profile Velocity, Profile Torque (servo only), and Homing modes are fully supported at data rates up to 1 Mbps. Applied Motion also provides specific CANopen objects for executing stored Q programs<sup>1</sup> and accessing internal data registers in the products.

CANopen is developed and maintained by the organization CAN in Automation, of which Applied Motion is a member. For more information visit [www.can-cia.org](http://www.can-cia.org).

<sup>1</sup>Stored Q programs in CANopen products can only be accessed via the CANopen network by request from the host controller. CANopen products cannot run Q programs stand-alone.

## Products in the Series *CANopen Products*

| Title                      | Type                       | Description  | 1pc.      |
|----------------------------|----------------------------|--|-----------|
| <a href="#">ST10-C-CE</a>  | Stepper Drive              | DC CANopen Advanced Microstep Drive w/ Encoder Input                       | \$818.00  |
| <a href="#">ST10-C-CN</a>  | Stepper Drive              | DC CANopen Advanced Microstepping Drive                                    | \$757.00  |
| <a href="#">ST5-C-CE</a>   | Stepper Drive              | DC CANopen Advanced Microstep Drive w/ Encoder Input                       | \$702.00  |
| <a href="#">ST5-C-CN</a>   | Stepper Drive              | DC CANopen Advanced Microstep Drive  | \$649.00  |
| <a href="#">STF03</a>      | Stepper Drive              | DC Advanced Microstep Drive w/ Multi Fieldbus options                      | \$185.00  |
| <a href="#">STF06</a>      | Stepper Drive              | DC Advanced Microstep Drive w/ Multi Fieldbus options                      | \$198.00  |
| <a href="#">STF10</a>      | Stepper Drive              | DC Advanced Microstep Drive w/ Multi Fieldbus options                      | \$211.00  |
| <a href="#">STM17C-3CE</a> | Integrated Stepper         | NEMA 17 Integrated CANopen Drive+Motor w/ Encoder                          | \$564.00  |
| <a href="#">STM17C-3CN</a> | Integrated Stepper         | NEMA 17 Integrated CANopen Drive+Motor                                     | \$474.00  |
| <a href="#">STM23C-3CE</a> | Integrated Stepper         | NEMA 23 Integrated CANopen Drive+Motor w/ Encoder                          | \$642.00  |
| <a href="#">STM23C-3CN</a> | Integrated Stepper         | NEMA 23 Integrated CANopen Drive+Motor                                     | \$552.00  |
| <a href="#">STM24C-3CE</a> | Integrated Stepper         | NEMA 24 Integrated CANopen Drive+Motor w/ Encoder                          | \$796.00  |
| <a href="#">STM24C-3CN</a> | Integrated Stepper         | NEMA 24 Integrated CANopen Drive+Motor                                     | \$706.00  |
| <a href="#">SV2A3-C-CE</a> | Servo Drive                | Digital Servo Drive w/ CANopen interface                                   | \$642.00  |
| <a href="#">SV2A5-C-CE</a> | Servo Drive                | Digital Servo Drive w/ CANopen interface                                   | \$798.00  |
| <a href="#">SV2B3-C-CE</a> | Servo Drive                | Digital Servo Drive w/ CANopen interface                                   | \$642.00  |
| <a href="#">SV2B5-C-CE</a> | Servo Drive                | Digital Servo Drive w/ CANopen interface                                   | \$798.00  |
| <a href="#">TSM17C-1CG</a> | StepSERVO Integrated Motor | NEMA 17 Integrated CANopen StepSERVO™ Motor w/ Q Programming               | \$656.00  |
| <a href="#">TSM17C-2CG</a> | StepSERVO Integrated Motor | NEMA 17 Integrated CANopen StepSERVO™ Motor w/ Q Programming               | \$661.00  |
| <a href="#">TSM17C-3CG</a> | StepSERVO Integrated Motor | NEMA 17 Integrated CANopen StepSERVO™ Motor w/ Q Programming               | \$665.00  |
| <a href="#">TSM23C-2CG</a> | StepSERVO Integrated Motor | NEMA 23 Integrated CANopen StepSERVO™ Motor w/ Q Programming               | \$674.00  |
| <a href="#">TSM23C-3CG</a> | StepSERVO Integrated Motor | NEMA 23 Integrated CANopen StepSERVO™ Motor w/ Q Programming               | \$691.00  |
| <a href="#">TSM23C-4CG</a> | StepSERVO Integrated Motor | NEMA 23 Integrated CANopen StepSERVO™ Motor w/ Q Programming               | \$757.00  |
| <a href="#">TSM34C-1CG</a> | StepSERVO Integrated Motor | NEMA 34 StepSERVO Integrated Motor w/ CANopen and Q Programming            | \$702.00  |
| <a href="#">TSM34C-3CG</a> | StepSERVO Integrated Motor | NEMA 34 StepSERVO Integrated Motor w/ CANopen and Q Programming            | \$773.00  |
| <a href="#">TSM34C-5CG</a> | StepSERVO Integrated Motor | NEMA 34 StepSERVO Integrated Motor w/ CANopen and Q Programming            | \$864.00  |
| <a href="#">TSM34C-6CG</a> | StepSERVO Integrated Motor | NEMA 34 StepSERVO Integrated Motor w/ CANopen and Q Programming            | \$966.00  |
| <a href="#">TXM24C-1CG</a> | StepSERVO Integrated Motor | IP65 Rated NEMA 24 Integrated CANopen StepSERVO™ Motor                     | \$989.00  |
| <a href="#">TXM24C-3CG</a> | StepSERVO Integrated Motor | IP65 Rated NEMA 24 Integrated CANopen StepSERVO™ Motor                     | \$1042.00 |
| <a href="#">TXM34C-1CG</a> | StepSERVO Integrated Motor | IP65 Rated NEMA 34 StepSERVO Integrated Motor w/ CANopen and Q Programming | \$1190.00 |
| <a href="#">TXM34C-3CG</a> | StepSERVO Integrated Motor | IP65 Rated NEMA 34 StepSERVO Integrated Motor w/ CANopen and Q Programming | \$1261.00 |
| <a href="#">TXM34C-5CG</a> | StepSERVO Integrated Motor | IP65 Rated NEMA 34 StepSERVO Integrated Motor w/ CANopen and Q Programming | \$1352.00 |
| <a href="#">TXM34C-6CG</a> | StepSERVO Integrated Motor | IP65 Rated NEMA 34 StepSERVO Integrated Motor w/ CANopen and Q Programming | \$1454.00 |