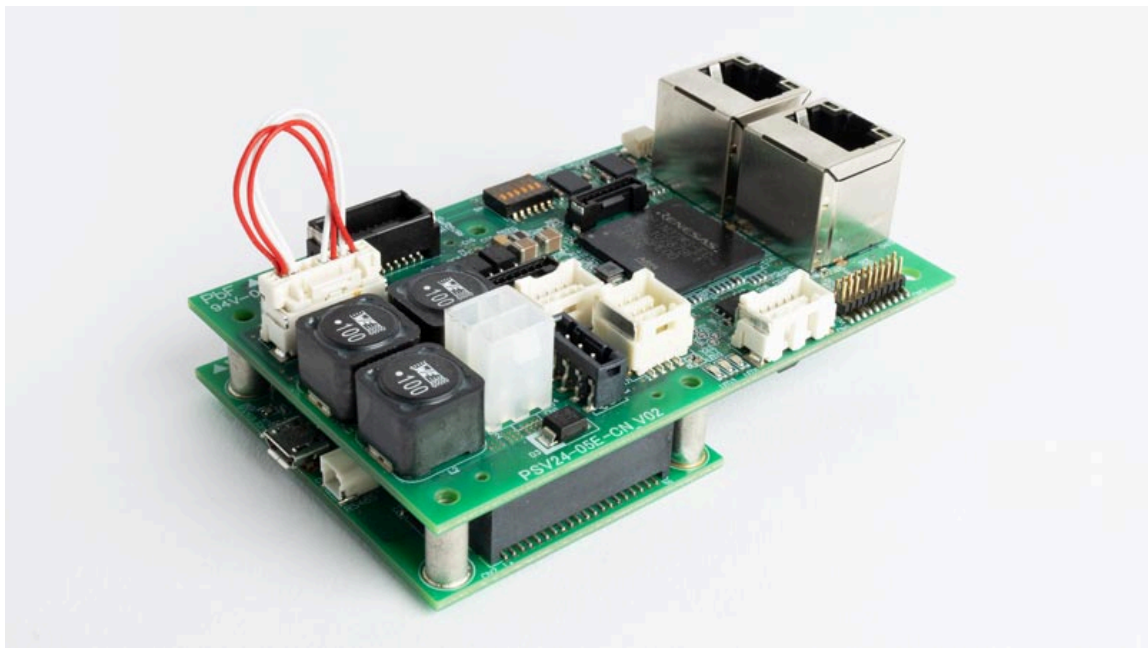


Compact Servo Driver PSV24-05E



PSV24-05E is a servo driver compatible with our [coreless brushed motors/brushless motors](#)*. Various control modes and I/O are incorporated into a compact board that matches the sizes of Orbray’s motors. Compatibility with EtherCAT, and RS485, enables synchronous control of multiple axes by daisy-chaining. Dedicated software is also available for initial operation checks and experiments.

NOTE)

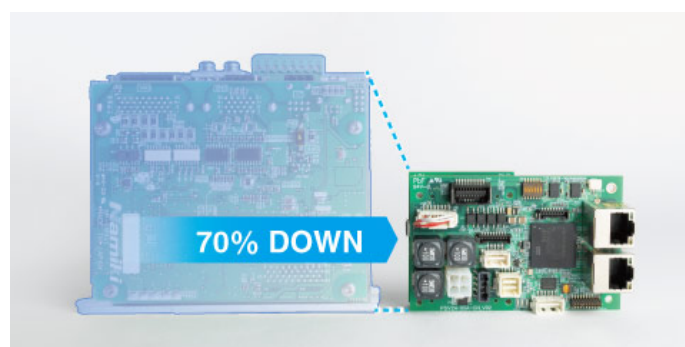
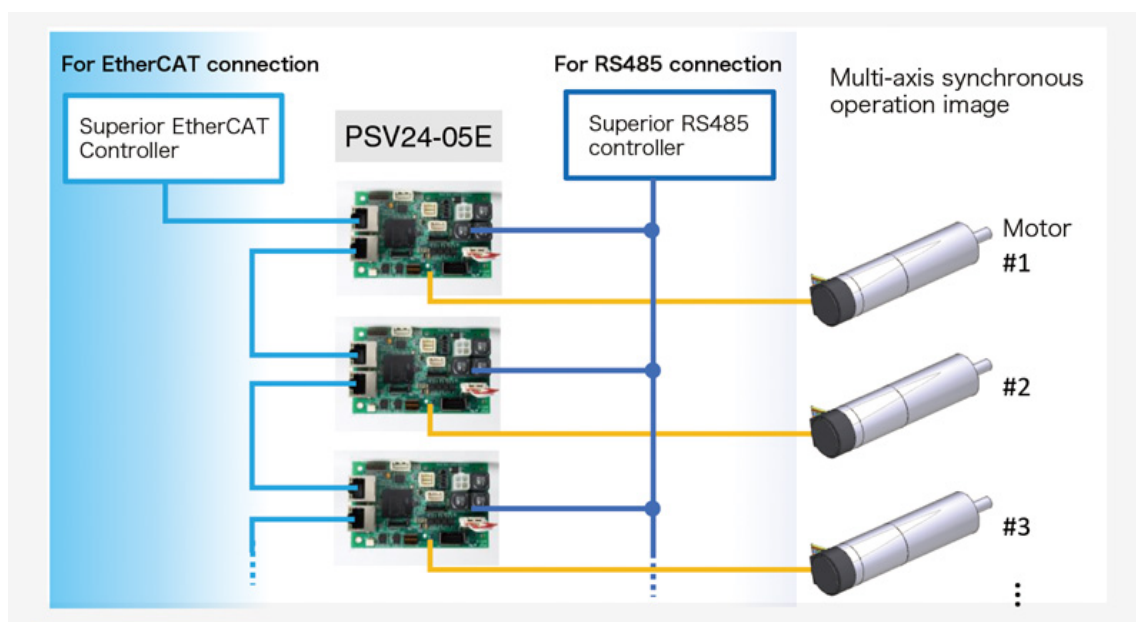
- ※ Motor must be equipped with an encoder for driving. Not compatible with brushless motors without Hall sensors.
- ※ Not sold separately. Driver is available to purchase in combination with motors.

Reference Specifications

Compliant with EtherCAT standards.* Does not currently support CiA402 drive profile (to be supported).			
External Dimensions	90x58x30mm	Control method	Position, Speed, Current (Torque)
Compatible motors	Our brushless motors and coreless motors ※Encoder option required ※Not compatible with sensorless	Encoder connection	Incremental (Absolute will be supported.)
Supply voltage	6~24V	Input	Pulse train command, 8 digital systems
Output current	Continuous 5A, max. 15A	Output	Five digital systems,
Control I/F	USB serial communication, RS485, EtherCAT		Two analog systems, Two encoder signals

Supports USB serial communication, RS485, and EtherCAT

Connection example



"Compared to conventional models, approximately 70% reduction in installation volume while expanding the number of compatible motors.

Diverse connections with communication support for USB serial communication, and EtherCAT."