

400W Pulse Servo Drive

This 400W servo drive offers intelligent control for precise motion in automation applications. It features mechanical resonance frequency analysis and frictional torque compensation for stable and reliable performance.



ADDITIONAL IMAGES



Overview

High-Performance Pulse Servo Drive

This 400W pulse servo drive provides high-precision motion control through advanced internal position modes and intelligent load inertial analysis. It ensures stable operation by utilizing mechanical resonance frequency analysis with adjustable trap filters to overcome vibrations. The drive supports flexible control configurations including pulse, analog, and CANopen communication, making it a reliable solution for various industrial automation and robotic applications.

Performance Metrics

Key Performance Indicators

400 W

Rated Power

3 x Torque

Overload Capacity

500 kHz

Differential Pulse Input

Control & Communication

Communication Protocols

CANopen • Modbus

Supported Control Modes

Position Control, Speed Control, Torque Control, Inner Speed, Position/Speed, Position/Torque, Speed/Torque

Technical Specifications

Supported Input Power

- 220V Single/Three-Phase
- 380V Three-Phase

Protection Features

- Over-current protection
- Over-voltage protection
- Over-temperature protection
- Mechanical resonance suppression

Environment

Operating Temperature Range

0 to 45°C

Operating Humidity

20-85% RH (non-condensing)