

400LV48

Small footprint speed controller for permanent magnet or shunt wound motors. Non-isolated. 1Q. Up to 4A output. Low voltage 24V-48VAC option providing 18-38V DC output voltage.

Technical Data

The 400 is one of the Sprint Electric [Open Chassis Mount DC Drives](#) range of products

Ratings

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AC Supply Range	Typical Max Armature Voltage	Max Continuous Armature Current	Nominal Power
100 to 130v	90v	4A	0.255KW / 0.38HP
200 to 264v	180v	4A	0.55KW / 0.75HP

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Dimensions

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Height	Width	Depth
130mm	100mm	70mm

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AT A GLANCE

- 400 controller for DC motors rated up to 4 Amps (0.55KW/0.75HP)
- Easily interfaced with armature reversing unit
- Compact DC drive
- Suitable for permanent magnet, shunt wound or universal motors

TECHNICAL HIGHLIGHTS

- Extra 50% peak torque for rapid acceleration or shock loads
- Many additional input and output signals

- Motor overload output
- Output signals for easy display of motor speed and load
- 4-20mA and 0-20mA loop input option as standard
- Torque control input for basic winding or tension control, with overspeed limiting
- Switch selectable Tach or Armature voltage feedback
- Adjustable IR compensation for improved AVF speed regulation
- Zero reference interlock facility Sophisticated dual loop control

USER ADJUSTABLE PRESETS

- Acceleration
- Deceleration
- Max motor speed
- Min motor speed
- IR comp
- Stability
- Max motor current