



Copley Controls - Accelnet CanOPEN Modules

800-1845



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- ✓ Parts ship in as little as 24 hours
- ✓ Up to half the cost of the manufacturer



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The **800-1845** is a part of the **Accelnet CanOPEN Modules Series** by Copley Controls.

Specifications

CANopen Isolation:	Galvanically isolated from drive circuits	CANopen Signals:	CAN_H, CAN_L, CAN_GND, 1 mBit/sec max	Commutation:	Sinusoidal, field-oriented control for brushless motors
Current Loop Bandwidth:	2.5 kHz typical, varies with tuning & load inductance	Digital Control Loops:	Current, velocity, position with 100% digital loop control	HV Compensation:	Changes in bus voltage do not affect bandwidth
Minimum Load Inductance:	200 uH line-line	Modulation Type:	Center-weighted PWM with space-vector modulation	Peak Current:	Up to 20A
Power Supply:	20-90 VDC	PWM Modulation:	Space-vector modulation	PWM Output Type:	3-phase MOSFET inverter, 16 kHz center-weighted PWM
PWM Ripple Frequency:	32 kHz	Sampling Rate - Current Loop:	16 kHz (62.5 us)	Sampling Rate - Velocity & Position Loops:	4 kHz (250 us)
Last Verified:	05/24/2025 12:16 AM				

Contact Us

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Shipping Options



Payment Methods

