



## SMD23E

### Integrated Motion Control with Ethernet Interface

**Stepper Motor**  
High Torque  
NEMA size 23

**Stepper Controller**  
Fully Programmable

#### Features

- Built-in EtherNet/IP & Modbus-TCP interface
- Programs using host controller's software
- 3.4 amp, DC-powered microstepping drive
- High-torque NEMA frame size 23 stepper motor
- Optional M12 connectors & IP50 or IP67 rating

#### Benefits

This cost-effective integrated solution provides a complete axis of motion control with guaranteed performance and compatibility across a range of applications.

The product is ODVA conformance tested, and interfaces with leading PLCs including those from Rockwell, Omron, and Schneider.

Visit [www.amci.com](http://www.amci.com) to learn about these benefits, and more.

\*Specifications on back

**Stepper Drive**  
DC-Powered  
3.4 amp



## Product Specifications

### General:

Input Voltage: 24 to 48 Vdc  
Motor Current: 3.4 A/phase  
Overheat Protection

### Communication:

Interface: Ethernet  
Bit Rate: 10/100 Mbps



### Programmable Inputs:

Inputs: 3 Opto isolated  
Functions: home limit, over travel limit, capture input, manual jog stop, E-stop, registration, index move

#### Input Specifications:

- Differential optically isolated inputs
- Off state voltage: 0 to 1.5 Vdc
- On state voltage: 3.3 to 27 Vdc
- Input requires 10mA of current to operate

### Motion:

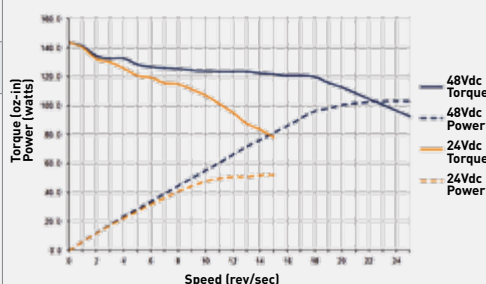
Steps per Revolution: Programmable between 200 and 32,767 steps

### Options:

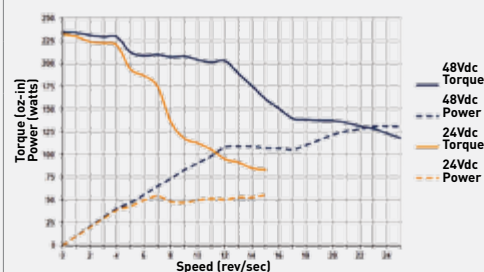
Holding Torque:  
130 oz-in torque rating  
240 oz-in torque rating  
Encoder: Incremental  
Connector: M12  
Protection: IP50 or IP67

### Torque & Power Curves:

SMD23E-130



SMD23E-240



## Ordering Information

# SMD23E-



Holding Torque

Encoder

Optional Connectors

IP67

Part Number Character	Size 23 Integrated Stepper Motor + Drive + Indexer w/Ethernet Interface
Holding Torque:	130 = 130 oz-in torque rating 240 = 240 oz-in torque rating
Incremental Encoder:	E = 1,024 pulses per revolution (blank for no encoder)
Optional Connectors:	M12 = M12 connectors (blank for standard RJ45)
IP67 Rating	P = IP67 rating (M12 connectors option required)

## AMCI Corporate Headquarters

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