

PRESS RELEASE

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Axiomatic Technologies Corporation releases new BLDC motor controllers for operation in harsh environments.

The AX100280 Motor Controller provides 480W to drive a bidirectional or unidirectional BLDC motor integrated into a machine. The unit can accept 12V, 24V or 48V power, and is networked via SAE J1939 with auto-baud-rate detection.

Four (4) command universal signal inputs are user configurable as Voltage, Current, Resistive, PWM, Frequency, or Digital types. An ignition switch input turns on the device. The unit operates up to 125 degrees C and is IP67 rated.



Axiomatic BLDC motor controllers provide precise speed control of fans, pumps, or actuators and can operate in the harsh environments of engine applications.

Axiomatic motor controllers feature compliance for harsh environments with surges, power transients as well as exposure to dust, water, humidity, and vibration. They are designed for utilization on outdoor and indoor industrial vehicles.

Axiomatic brushed DC motor controllers such as AX102100 operate the steer function and AX105000 operates the drive function in industrial lifts.

Other controllers operate tailgate lifts. Additional I/O on the controller can drive machine hydraulic functions (boom-in / boom-out), control a machine brake, and monitor sensors / switches for safety features.

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