EM556S Cut Sheet

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Leadshine DC microstepping stepper drive, 5.6A per phase, 2-phase output, 24-48 VDC, bipolar, position mode, 200 to 25600 steps per revolution.

For complete product information, please see this item on our store at the following link:

https://www.automationdirect.com/pn/EM556S

Technical Specifications

Brand	Leadshine
Item	Stepper drive
Controller Type	Microstepping
Voltage Type	DC
Amperage Rating	5.6A per phase
Number of Output Phases	2
Nominal Input Voltage	24-48 VDC
Winding Type Control	Bipolar
Output Type	MOSFET, dual H-bridge and 4-quadrant output
Steps per Revolution	200 to 25600
Temperature Rating	0 to 65 deg C
Enclosure Type	Enclosed
IP Rating	IP20
Mounting	Panel
Control Mode	Position
Command Signal(s)	• step and direction • CW/CCW

Number of Discrete Input Points	1
Discrete Input Type	Sinking/sourcing/line driver (differential)
Number of Discrete Output Points	2
Discrete Output Type	Sinking/sourcing
Tuning Mode	Pre-tuned or optional configuration software
Idle Current Reduction	Yes
Drive Features	Self-test, anti-resonance (electronic damping), auto-tuning, 5/24 VDC input selector switch, command signal filtering, motor shaft lock and brake output
Protection Type(s)	overvoltage,overcurrent,motor phase wiring error
Configuration	Rotary dial, dipswitches, jumpers or optional configuration software
Additional Information	Optional 1.4.4-0409505-B3 programming cable available for software configuration

Agency Approvals

UL Listed File #	None
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Meets RoHS Chemical Restrictions - No CE (See RoHS Statement Below)
EU REACH	View EU REACH document
Other	RoHS 3 Document