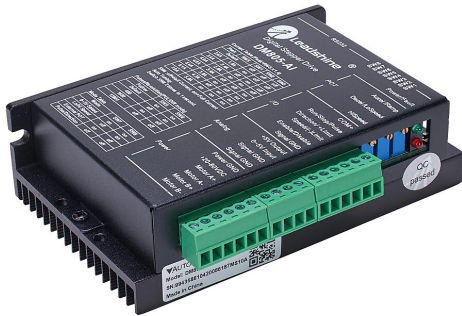


DM805-AI Cut Sheet



Leadshine DC advanced microstepping stepper drive, 7A per phase, 2-phase output, 24-70 VDC, bipolar, velocity and position mode, 200 to 12800 steps per revolution.

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



<https://www.automationdirect.com/pn/DM805-AI>

Technical Specifications

Brand	Leadshine
Item	Stepper drive
Controller Type	Advanced microstepping
Voltage Type	DC
Amperage Rating	7A per phase
Number of Output Phases	2
Nominal Input Voltage	24-70 VDC
Winding Type Control	Bipolar
Output Type	MOSFET, dual H-bridge and 4-quadrant output
Steps per Revolution	200 to 12800
Temperature Rating	0 to 50 deg C
Enclosure Type	Enclosed
IP Rating	IP20
Mounting	Panel
Control Mode	Velocity and position
Command Signal(s)	<ul style="list-style-type: none">• step and direction• velocity (via analog input)• built-in potentiometer• high/low speeds (via 2 presets)

Number of Discrete Input Points	2
Discrete Input Type	Sourcing
Number of Analog Input Channels	1
Analog Input Signal Type	Voltage
Input Voltage Signal Range	0-5 VDC
Number of Analog Output Channels	1
Tuning Mode	Pre-tuned or optional configuration software
Idle Current Reduction	Yes
Drive Features	Self-test, anti-resonance (electronic damping) and adjustable acceleration/deceleration
Protection Type(s)	<ul style="list-style-type: none">• overvoltage• overcurrent• motor phase wiring error
Configuration	Rotary dial, dipswitches, jumpers or optional configuration software
Additional Information	Optional 1.4.4-0609505-B3 programming cable available for software configuration

Agency Approvals

UL Listed File #	None
UL Recognized File #	None
UL Hazardous File #	None
CE	None
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

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/DM805-AI.pdf>
See store item page for other formats.