

Schneider Series Service Manual

MHDA1008N00

1. Description

The Schneider Electric MHDA1008N00 servo drive belongs to the Lexium 17D 8A series. This device operates on a 3-phase power supply and caters to input voltage specifications from 230V to 480V with an adaptable frequency of 50 Hz or 60 Hz.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon
Part	Number MHDA1008N00
Weight	11.63 lbs (5.27 kg)
Series	Lexium 17D 8A
Product	Servo Drive
Power	Supply 3 Phase
Input	Voltage Range 230 to 480 V
Frequency	50 Hz and 60 Hz
Max	Input Current 3 Amps
Power	Rating 2 kVA
Uses	Output Current
Operating	Temperature 0 to 40 degrees Celsius
Operating	Humidity Range 80% (non-condensing)
Storage	Humidity Range 80% (non-condensing)
Allowable	Installation Height 1000 meters above sea level
Description	
The	MHDA1008N00 model from Schneider Electric's Modicon series is classified as a servo drive, specifically designed under the Lexium 17D 8A product range. It operates utilizing a 3-phase power supply, accommodating an input voltage range between 230 V and 480 V.

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Technical specifications for MHDA1008N00

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Product Line Modicon

Part Number MHDA1008N00

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Series Lexium 17D 8A

Product Servo Drive

Power Supply 3 Phase

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Operating Temperature 0 to 40 degrees Celsius

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Storage Humidity Range 80% (non-condensing)

Allowable Installation Height 1000 meters above sea level

Description

The MHDA1008N00 model from Schneider Electric's Modicon series is classified as a servo drive, specifically designed under the Lexium 17D 8A product range. It operates utilizing a 3-phase power supply, accommodating an input voltage range between 230 V and 480 V.

Compatible with both 50 Hz and 60 Hz frequencies, this servo drive can manage a maximum input current of 3 Amps. It is rated for a total power capacity of 2 kVA, making it dependable for diverse motor control tasks.

The operating temperature for this device spans from 0 degrees Celsius to 40 degrees Celsius, indicating its suitability for typical industrial environments. The humidity tolerance allows operation and storage under conditions of up to 80% relative humidity, provided there is no condensation present.

Additionally, this servo drive can be installed at elevations up to 1000 meters above sea level, ensuring versatility for various installation scenarios. Overall, the MHDA1008N00 servo drive is engineered for efficient performance across a range of applications, emphasizing reliability and adaptability.