E94ASHE0024

Lenze · Servo Drives 9400 HighLine Single Drive

9400 HighLine SingleDrive axis module for cabinet mounting, 0.37 kW 4-pole asynchronous motor class.

Hardware

Rated motor power: 0.37 kW nominal (ASM 4-pole, 400 V class)
Rated output current: 1.9 A nominal at 4 kHz switching frequency
Max. output current: 2.8 A maximum
Max. short-term output current: 6 A maximum short-term
Overload factor: 4
Rated mains current: 1.5 A nominal with mains choke; 2.1 A nominal without mains choke
Rated DC-bus current: 2.6 A nominal
Power loss: 110 W

Communication

Built-in ports: CANopen on board (HighLine); diagnostic interface (USB via E94AZCUS adapter)
Protocols: CANopen
Communication expansion: Two extension slots for communication/extension modules (E94AYC...); one memory slot; one safety slot

Electrical

Supply voltage: 3/PE AC 180 V -0 % … 550 V +0 %, 45 Hz -0 % … 65 Hz +0 % nominal
Alternative DC supply: DC 260 V -0 % … 775 V +0 %

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Environmental

Operating temperature: -10 °C … +55 °C (EN 60721-3-3 class 3K3; derate rated output current by 2.5 %/°C above +45 °C)
Storage temperature: -25 °C … +60 °C (EN 60721-3-1 class 1K3)
Transport temperature: -25 °C … +70 °C (EN 60721-3-2 class 2K3)
Site altitude: up to 4000 m AMSL; derate rated output current by 5 % per 1000 m above 1000 m
Vibration resistance: class 2M2 (transport per EN 60721-3-2; operation per EN 60068-2-6: 10 Hz ≤ f ≤ 57 Hz: ±0.075 mm amplitude; 57 Hz < f ≤ 150 Hz: 1.0 g; Germanischer Lloyd: 5 Hz ≤ f ≤ 13.2 Hz: ±1 mm amplitude; 13.2 Hz < f ≤ **100 Hz:** 0.7 g)
Relative humidity: Not published as numerical value (climatic class 3K3 per EN 60721-3-3; no specific %RH published)
Protection rating: IP20 (EN 60529); NEMA 250 type 1

Physical

Dimensions (H×W×D): 350 mm (with 507 installation backplane) × 60 mm × 288 mm
Weight: 4 kg

Lifecycle

Current: Lenze 9400 Servo Drives are part of the active L-force product range; official catalogue and product pages **active (Last verified:** 2026-10)
Audit status: OFFICIAL_VERIFIED