FD1260-DP284C ARX 12VDC 0.40A 60x60x15mm Axial Fan Datasheet

Brand: ARX

SKU: 1028906447414

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/fd1260-dp284c-arx-12vdc-0-40a-60x60x15mm-axial-fan

Product Description

ARX FD1260-DP284C is a 12VDC 60x60x15mm Axial Fan optimized for high-density thermal management in space-constrained enclosures. This unit features a sophisticated DC brushless motor architecture paired with a precision dual ball bearing system, ensuring structural rigidity and minimized mechanical friction over extended duty cycles. The aerodynamic impeller is engineered to reduce thermal impedance by maintaining consistent laminar flow even under moderate static pressure. Operating at a rated current of 0.40A, this fan integrates a 4-wire PWM control interface for dynamic speed modulation, allowing for precise cooling-to-noise ratios in sensitive electronic environments.

Model Number: FD1260-DP284C
Brand: ARX
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.40A
Power: 4.8W
Rated Speed: 4500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 24.5 CFM

Max. Static Pressure: 5.2 mmH2O
Dimensions: 60x60x15mm
Weight: 45g
Life Expectancy: 70,000 Hours at 40C
Speed Control: PWM (Pulse Width Modulation)
Monitoring Output: Tachometer / Frequency Generator
Termination: 4-Pin Connector
Housing Material: UL94V-0 Plastic
Blade Material: UL94V-0 Plastic
Operating Temperature: -10C to +70C
Storage Temperature: -40C to +75C
Protection Features: Locked Rotor Protection, Reverse Polarity Protection

FD1260-DP284C Applications
1. 1U/2U Rackmount Servers: The 15mm low-profile depth and PWM control allow for high-efficiency replacement fan integration in shallow chassis where vertical clearance is restricted.
2. Industrial Power Supplies: High static pressure capability ensures effective heat dissipation through dense internal components and transformer windings.
3. Network Switches and Routers: Dual ball bearing architecture provides the necessary reliability for 24/7 continuous operation in telecommunications infrastructure.

Supplemental Images