

PFB0624GHE-TD88 Delta 24V 0.58A 60x60x38mm DC Axial Fan

SKU: PFB0624GHE-TD88

Price: \$13.14

Categories: Fans

Tags: Delta

Product Link:

<https://www.electspares.com/product/pfb0624ghe-td88-delta-24v-0-58a-60x60x38mm-dc-axial-fan/>

Product Description

The Delta PFB0624GHE-TD88 is a high-velocity 60 mm DC axial fan engineered for intense thermal management in demanding industrial and telecommunications environments. Operating on a 24 VDC supply, this unit features a specialized motor drawing 0.58 A to drive its high-performance impeller at 12000 RPM, delivering exceptional static pressure to overcome internal system resistance. The TD88 variant is configured with a three-wire interface that provides a dedicated Tacho (FG) signal output, allowing for real-time rotational speed monitoring to ensure system reliability. Built with a robust dual ball bearing system and housed in a 38 mm deep frame made of UL 94V-0 flame-retardant plastic, the PFB0624GHE-TD88 provides a heavy-duty, high-efficiency cooling solution for high-density server racks and power conversion equipment across an ambient temperature range of -10 °C to +70 °C.

PFB0624GHE-TD88 Fan Parameters

Model Number: PFB0624GHE-TD88

Manufacturer: Delta

Series: PFB Series

Type: DC Axial Fan

Size: 60 mm

Dimensions: 60 x 60 x 38 mm

Weight: 130 g

Bearing Type: Ball bearing

Nominal Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Power Consumption: 13.92 W

Nominal Current: 0.58 A

Speed: 12000 RPM

Max. Air Flow: 62.23 CFM (105.7 m³/h / 1.76 m³/min)

Max. Static Pressure: 9.81 mmH₂O (96.24 Pa / 0.39 inH₂O)

Actual Air Flow: 59.54 CFM (101.2 m³/h)

Actual Static Pressure: 36.12 mmH₂O (354.2 Pa)

Sound Pressure Level: 61.5 dB(A)

Motor Design: Brushless DC motor

Motor Protection: Locked rotor protection; Polarity protection

Technical Features: Tacho output (FG signal); 3-wire interface; Soft start

Insulation Class: Class A

Electrical Hookup: 3-wire lead wires (Red: +, Black: -, Blue: FG)

Number of Blades: 7

Direction of Rotation: Clockwise, viewed toward rotor

Airflow Direction: Exhaust over struts

Impeller Material: Plastic (UL 94V-0)

Housing Material: Plastic (UL 94V-0)

Installation Position: Any

Degree of Protection: IP20

Operating Temperature: -10 - +70 °C

Service Life (L10 @ 40 °C): 70000 h

Standard Compliance: UL, TUV, CE

Approval Agency: UL, TUV, CSA

Application

The Delta PFB0624GHE-TD88 DC fan is primarily utilized in high-density server chassis, 24V telecommunications rectifiers, high-pressure industrial cooling modules, and network storage systems (NAS/SAN).

Product Images









Scan for product details:

