

1238HH24B-WDB T&T 24VDC 120x120x38mm 3HAC029105-001 Axial Fan Datasheet



Brand: T&T

SKU: [805844921671](#)

Category: Axial & Centrifugal Fans

Price: **\$29.99**

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Product Page:

<https://www.equipspares.com/product/1238hh24b-wdb-tt-24vdc-120x120x38mm-3hac029105-001-axial-fan>

Product Description

The T&T 1238HH24B-WDB is a high-reliability DC Axial Fan engineered specifically for demanding industrial environments, including ABB robot controllers (Part Number 3HAC029105-001). Utilizing a robust Double Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous duty cycles. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity against backpressure. With a 24VDC rating and 0.70A current draw, it delivers substantial thermal management capabilities, effectively reducing thermal impedance within critical electronic enclosures to prevent component degradation.

Model Number: 1238HH24B-WDB

OEM Part Number: 3HAC029105-001

Brand: T&T

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Operating Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.70 A

Input Power: 16.8 W

Rated Speed: 3200 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 115.0 CFM (195.4 m³/h)

Max. Static Pressure: 9.5 mmH₂O (93.1 Pa / 0.37 inH₂O)

Dimensions: 120x120x38mm

Termination: Wire Leads with Connector (Original ABB Plug)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Application: ABB Robot Controller

Designed primarily for precision automation equipment, the 1238HH24B-WDB serves as a critical cooling component within ABB robot controllers and associated industrial cabinets. Its high-static pressure capabilities make it ideal for densely packed electronic racks where maintaining optimal operating temperatures is essential for system stability. The 1238HH24B-WDB is frequently deployed in CNC machinery control panels, server racks, and heavy-duty telecommunications infrastructure, ensuring reliable heat dissipation in environments requiring continuous, uninterrupted operation.

Supplemental Images

