

# CD4028HB B&R 24VDC 0.20A 40x40x28mm Industrial Axial Fan Datasheet



**SKU:** [943887603552](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$16.99**

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Product Page:

<https://www.equipspares.com/product/cd4028hb-br-24vdc-0-20a-40x40x28mm-industrial-axial-fan>

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## Product Description

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B&R CD4028HB 40 x 40 x 28 mm 24 VDC 0.20 A axial fan is a high-velocity thermal management component. It features a dual ball bearing assembly and a glass-fiber reinforced PBT plastic housing and impeller. The unit operates at 13000 RPM, generating 19.5 CFM of airflow and 20.1 mmH<sub>2</sub>O of static pressure. Electrical connection is established via a 2-wire UL1007 AWG26 lead wire interface for high-reliability power delivery.

CD4028HB Specifications

Model: CD4028HB

Brand: B&R (Bernecker + Rainer)

Frame Size: 40 x 40 x 28 mm

Voltage: 24 VDC

Operating Voltage Range: 14.0 to 27.6 VDC

Rated Current: 0.20 A

Input Power: 4.8 W

Rotational Speed: 13000 RPM

Airflow: 19.5 CFM

Static Pressure: 20.1 mmH<sub>2</sub>O

Noise Level: 48.5 dBA

Bearing Type: Dual Ball Bearing

Housing Material: PBT Plastic (UL 94V-0)

Impeller Material: PBT Plastic (UL 94V-0)

Termination: 2-Wire Lead (Red/Black)

Operating Temperature: -10 to 70 °C

Storage Temperature: -40 to 75 °C

Insulation Resistance: 10 M Ohm at 500 VDC

Dielectric Strength: 5 mA Max at 500 VAC

Life Expectancy: 70000 hours at 40 °C

Weight: 52 g

Approvals: UL, CUL, TUV, CE, RoHS

#### CD4028HB Applications

Primary applications include integration into B&R ACOPOS inverter drive cooling modules and industrial frequency converter heat sinks. Deployed within high-density PLC control cabinets, server rack enclosures, and automated manufacturing system power supplies requiring concentrated airflow for localized component cooling.

## Supplemental Images

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