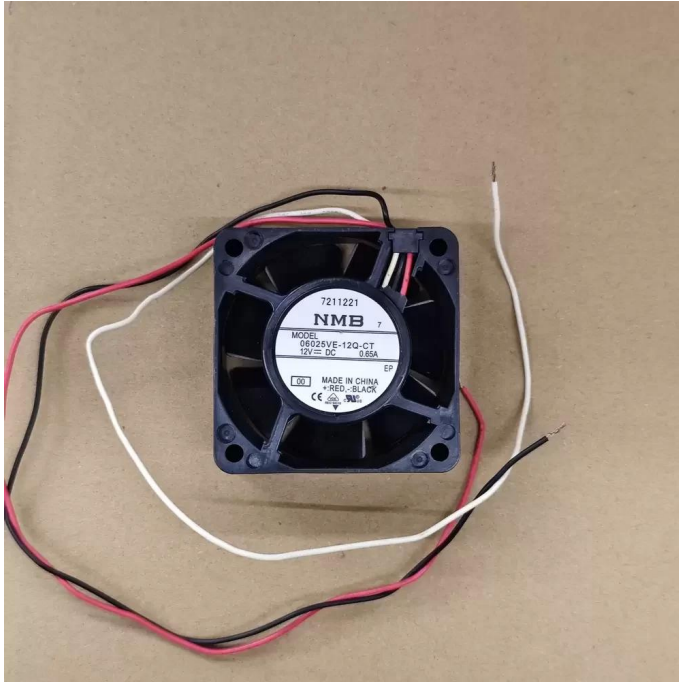


06025VE-12Q-CT-00 NMB 12VDC 0.65A 60x60x25mm Axial Fan Datasheet



Brand: NMB

SKU: [1037216741005](#)

Category: Axial & Centrifugal Fans

Price: **\$21.43**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/06025ve-12q-ct-00-nmb-12vdc-0-65a-60x60x25mm-axial-fan>

Product Description

The NMB 06025VE-12Q-CT-00 is a high-performance DC brushless axial fan engineered for extreme environmental resilience and high-density thermal management. Operating at a nominal 12VDC with a 0.65A current draw, this unit delivers a substantial 39.2CFM (1.11m³/min) airflow while maintaining structural integrity through its IP68/IP69K ingress protection rating. It features a dual ball bearing system with stainless steel components, ensuring a service life of 40,000 hours at 60°C, and utilizes a 3-wire configuration for tachometer output monitoring.

06025VE-12Q-CT-00 Specifications

Model Number: 06025VE-12Q-CT-00

Brand: NMB Technologies (MinebeaMitsumi)

Product Category: DC Brushless Axial Fan

Rated Voltage: 12VDC

Operating Voltage Range: 7.0V to 13.2VDC

Rated Current: 0.65A

Input Power: 7.8W

Rated Speed: 10000 RPM

Maximum Airflow: 39.2 CFM (1.11 m³/min)

Maximum Static Pressure: 290 Pa (1.16 In H₂O)

Noise Level: 54.0 dB

Bearing Type: Stainless Steel Ball Bearing
Frame Size: 60mm x 60mm x 25mm
Frame Material: Plastic (Black) UL94V-0
Impeller Material: Plastic (Black) UL94V-0
Ingress Protection: IP68 / IP69K (Potting II)
Termination: 3-Wire (Red: +, Black: -, White: Tachometer)
Lead Wire: UL3385 AWG26
Insulation Resistance: 10M Ohm min at 500VDC
Dielectric Strength: 700VAC for 1 second
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Expected Life: 40,000 Hours (L10 at 60°C)
Mass: 90g
Safety Approvals: UL, CSA, VDE, CE

06025VE-12Q-CT-00 Applications

Critical thermal regulation for high-performance frequency inverters, industrial power supplies, and telecommunications networking hardware. Mandatory cooling for outdoor electronic enclosures, server rack deployments, and automated manufacturing equipment requiring IP68/IP69K wash-down protection.

Supplemental Images

