U92T24MS2A7-51 Nidec 24VDC 0.22A 92x92x25mm Axial Fan Datasheet

Brand: Nidec

SKU: 714514369558

Category: Axial & Centrifugal Fans

Price: **$15.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/u92t24ms2a7-51-nidec-24vdc-0-22a-92x92x25mm-axial-fan

Product Description

The Nidec U92T24MS2A7-51 is a precision-engineered Axial Fan designed for rigorous industrial thermal management and power conversion systems. Operating at a rated voltage of 24VDC with a current draw of 0.22A, this unit features a robust construction incorporating a specialized metal base to enhance structural rigidity and vibration damping under load. The aerodynamic impeller design optimizes airflow efficiency while maintaining a balanced thermal impedance profile, making it ideal for continuous duty cycles in variable frequency drives. Engineered with Nidec's advanced brushless motor technology, the fan ensures reliable heat dissipation in demanding environments. Its standard 92mm form factor allows for seamless integration into compact enclosures, providing critical cooling for sensitive electronic components.

Model Number: U92T24MS2A7-51
Brand: Nidec
Product Type: Axial Fan
Rated Voltage: 24VDC
Rated Current: 0.22 A
Power Input: 5.28 W
Dimensions: 92 x 92 x 25 mm
Termination: 2-Wire Leads
Frame Construction: Metal Base / Iron Bottom

Impeller Material: Reinforced Plastic
Motor Type: Brushless DC
Bearing System: Precision Ball Bearing
Mounting Type: Flange
Application: Inverter / VFD Cooling
Cooling Method: Active Airflow
Connector Type: Bare Wire / Lead

The U92T24MS2A7-51 is specifically engineered for thermal regulation within variable frequency drives (VFDs) and industrial power inverters where reliability is paramount. Its robust metal-base construction makes it suitable for high-vibration environments found in CNC machinery control cabinets and automation systems. Additionally, the U92T24MS2A7-51 is utilized in telecommunications equipment and power supply units where consistent airflow is required to prevent component overheating and ensure system longevity.

Supplemental Images