

T92T24MSLA7-51J23 Nidec 24VDC 92x92x25mm 2-Wire Axial Fan Datasheet



Brand: Nidec

SKU: [730588348958](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/t92t24msla7-51j23-nidec-24vdc-92x92x25mm-2-wire-axial-fan>

Product Description

The Nidec T92T24MSLA7-51J23 is a precision-engineered DC axial fan designed for critical thermal management in industrial electronics. Featuring a robust 92mm thermoplastic frame, this unit utilizes advanced motor technology to deliver consistent airflow while minimizing electromagnetic interference. The aerodynamic blade geometry is optimized to reduce turbulence, thereby lowering acoustic noise and improving static pressure capabilities. Built with high-grade structural rigidity, the fan ensures long-term reliability under continuous operation, effectively managing thermal impedance in demanding environments such as variable frequency drives and power supply units.

Model Number: T92T24MSLA7-51J23

Brand: Nidec Corporation

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.22 A

Input Power: 5.28 W

Rated Speed: 3400 RPM (Nominal)

Bearing Type: Maintenance-Free Ball Bearing

Max. Air Flow: 55.0 CFM (93.4 m³/h / 1.55 m³/min)

Max. Static Pressure: 4.8 mmH₂O (47.1 Pa / 0.19 inH₂O)

Dimensions: 92 x 92 x 25 mm

Weight: 95 g

Life Expectancy: 60,000 Hours at 40°C

Noise Level: 36.0 dB(A)

Frame Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Termination: 2 Lead Wires (Red +, Black -)

Ingress Protection: IP20

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Dielectric Strength: 500VAC for 1 min

Insulation Resistance: 10M Ohm at 500VDC

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

Application Specific: Inovance Inverter Replacement

This cooling solution is specifically calibrated for integration into industrial automation equipment, including the T92T24MSLA7-51J23 deployment within Inovance variable frequency drives and inverters. Its compact form factor allows for seamless installation in server racks, telecommunications cabinets, and CNC control panels where space is at a premium. The T92T24MSLA7-51J23 provides essential airflow to dissipate heat generated by power semiconductors, ensuring operational stability in manufacturing plants and data processing centers.

Supplemental Images

