

SK3240.124 Rittal 24VDC Filter Fan ebmpapst K1G165-AA03-06

SKU: SK3240.124

Price: \$397.69

Categories: Fans

Tags: Rittal

Product Link:

<https://www.electspares.com/product/sk3240-124-rittal-24vdc-filter-fan-ebmpapst-k1g165-aa03-06/>

Product Description

The Rittal SK3240.124 is a high-performance 24 VDC Filter Fan with dimensions of 255 x 255 mm, powered by an integrated ebmpapst K1G165-AA03-06 EC motor. Specifically engineered for demanding thermal management in industrial frequency converters and electrical control cabinets, this unit utilizes advanced diagonal fan technology to ensure superior pressure stability and a more constant air throughput of 175 m³/h for efficient heat extraction.

Constructed with a RAL 7035 colored housing featuring a tool-free mounting design, this 1.9 kg unit provides a dependable and energy-efficient air-moving solution with a power consumption of 11 W and IP54 protection, ensuring maximum cooling performance and even heat dissipation for high-power inverters, variable frequency drives (VFD), and integrated electrical switchgear systems at the end.

SK3240.124 Fan Parameters

Model Number: SK3240.124

Core Motor: ebmpapst K1G165-AA03-06

Manufacturer: Rittal

Series: TopTherm filter fans

Type: Fan-and-filter unit

Dimensions: 255 x 255 x 25 mm

Installation Depth: 107 mm

Mounting Cut-out: 224 x 224 mm

Weight: 1.9 kg

Bearing Type: Ball bearing

Nominal Voltage: 24 VDC

Max. Power Consumption: 11 W

Max. Current Draw: 0.43 A

Air Throughput (Unimpeded): 175 m³/h (with chopped-fibre filter)

Air Throughput (Unimpeded): 218 m³/h (with pleated filter)

Working Air Flow: 130 m³/h

Static Pressure Increase: Superior pressure stability (Diagonal technology)

Noise Level: 51 dB(A)

Service Life: 75000 h

Pre-fuse: 2 A

Electrical Hookup: Screwless spring terminal

Color: RAL 7035

Protection Category: IP54 (with chopped-fibre filter/pleated filter)

NEMA Type: Type 12, 3, 3R, 4 (depending on filter/hood)

Operating Temperature: -30 - +55 °C

Storage Temperature: -30 - +70 °C

Standard Compliance: EN 60529

Approval Agency: UL; C-UL; UR; C-UR; CSA; KC; CE

Application

The Rittal SK3240.124 filter fan is primarily utilized in industrial frequency converters, power inverters, and electrical control cabinet heat dissipation systems for constant air throughput and even heat dissipation.

Product Images









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