

K1G165-AA01-05 ebmpapst SK3241.124 Rittal 24V EC Centrifugal Fan

SKU: K1G165-AA01-05

Price: \$411.10

Categories: Fans

Tags: ebmpapst, Rittal

Product Link:

<https://www.electspares.com/product/k1g165-aa01-05-ebmpapst-sk3241-124-rittal-24v-ec-centrifugal-fan/>

Product Description

The ebmpapst K1G165-AA01-05 is a reliable 24 VDC EC Centrifugal Fan with an external dimension of 255 x 255 x 107 mm when fully integrated into its common enclosure (like the Rittal SK 3241.124 TopTherm unit). It operates across a nominal voltage range of 16 VDC to 30 VDC, with a power input of 19 W and a current draw of 0.78 A. The fan achieves a speed of 2830 RPM, delivers an unimpeded air flow of up to 225 m³/h (with chopped-fiber filter), and generates a maximum noise level of 54 dB(A). It features a durable Ball Bearing system, a Plastic frame, and is designed with an ingress protection rating of IP54 (when installed in the filter unit) for use in industrial environments with an ambient temperature range of -30 °C to +55 °C.

K1G165-AA01-05 Fan Parameters

Manufacturer: ebmpapst

Model: K1G165-AA01-05

Type: EC Centrifugal Fan

Dimensions: 255 x 255 x 107 mm (External unit size)

Fan Diameter: 165 mm

Nominal Voltage: 24 VDC

Nominal Voltage Range: 16 VDC to 30 VDC

Current Draw: 0.78 A

Power Input: 19 W

Speed: 2830 RPM

Air Flow Volume: 225 m³/h (Unimpeded, with chopped-fiber filter)

Noise: 54 dB(A)

Bearing Type: Ball Bearing

Frame Material: Plastic

Degree of Protection: IP54 (when installed in SK 3241.124 unit)

Ambient Temperature: -30 °C to +55 °C

Application:

The K1G165-AA01-05 fan is primarily used as the cooling component within Rittal TopTherm Filter Fan Units, specifically the SK 3241.124 model. This provides efficient and clean forced air cooling for electrical control cabinets, industrial enclosures, and server racks where DC power operation and high ingress protection are required.

Product Images







Scan for product details:

