

ebmpapst K2S165-AA75-06 SK3240.100 Rittal cooling fan

SKU: K2S165-AA75-06

Price: \$358.91

Categories: Fans

Tags: ebmpapst, Rittal

Product Link:

<https://www.electspares.com/product/ebmpapst-k2s165-aa75-06-sk3240-100-rittal-cooling-fan/>

Product Description

The Rittal SK 3240.100 TopTherm Filter Fan Unit is a high-performance 230V AC cooling solution designed for roof mounting on industrial enclosures. It incorporates a diagonal fan (typically an ebm-papst K2S165-AA75-06) with a shaded pole motor, which offers superior pressure stability and consistent airflow. This unit is ideal for dissipating heat from control cabinets and protecting temperature-sensitive components by drawing in ambient air. It delivers significant airflow for its compact size, ensuring effective thermal management. The unit comes complete with a filter mat and is designed for tool-free mounting.

Rittal Model Number: SK 3240.100 (also 3240100)

Internal Fan Model (typical): ebm-papst K2S165-AA75-06

Manufacturer: Rittal GmbH & Co. KG (Fan by ebm-papst)

Type: AC Centrifugal (Diagonal Flow) Filter Fan Unit, Roof-Mounted

External Dimensions (W x H x D): 255mm x 255mm x 107mm (Depth includes installation depth)

Build Depth: 25mm (This refers to the portion extending outside the enclosure)

Mounting Cut-out (W x H): 224mm x 224mm

Rated Operating Voltage: 230V AC, 1~

Frequency: 50 Hz / 60 Hz

Rated Current (max):

0.21A (at 50 Hz)

0.19A (at 60 Hz)

Rated Power (Pel):

35 W (at 50 Hz)

34 W (at 60 Hz)

Air Throughput (Unimpeded Air Flow with standard filter mat):

175 m³/h / 103 CFM (at 50 Hz)

155 m³/h / 91.2 CFM (at 60 Hz)

Noise Level:

51 dB(A) (at 50 Hz)

46 dB(A) (at 60 Hz)

Fan Speed:

2150 min⁻¹ (RPM) (at 50 Hz)

1900 min⁻¹ (RPM) (at 60 Hz)

Bearing Type: Ball Bearing (for the internal ebm-papst fan)

Life Expectancy (L10, 40°C):

72,000 h (at 50 Hz)

76,000 h (at 60 Hz)

Operating Temperature Range: -30°C to +55°C

Storage Temperature Range: -30°C to +70°C

Protection Category IP to IEC 60 529:

IP54 (with standard fleece filter/pleated filter)

IP55 (with pleated filter and absorber mat)

IP56 (with fleece filter/pleated filter and hose-proof hood)

Protection Category NEMA: Type 12 (with standard fleece filter/pleated filter)

Color: RAL 7035 (Light Gray)

Connection: Spring-type terminal (for electrical connection)

Features: Diagonal flow fan, Shaded pole motor, Complete unit ready to install including filter mat, Tool-free mounting, Reversible airflow direction.

Product Images





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