

Rittal – The System.

Faster – better – everywhere.



SK 5503.025 Fan module

State: 6/8/2025 (Source: rittal.com/in-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 5503.025 - Fan module for VX IT, TS IT

For active ventilation. The unit may optionally be extended with additional fans. Simple connection system and energy-efficient speed control.



Features

Model No.	SK 5503.025
Design	Without roof plate
Product description	For active ventilation. The unit may optionally be extended with additional fans.
Benefits	Simple connection system with C13 IEC 320 socket Energy-efficient speed control with preset characteristic curve International approvals and multi-voltage capability for worldwide use
Material	Sheet steel, spray-finished
Colour	RAL 9005
Supply includes	1 fan unit 2 fans Fully wired ready for connection Assembly parts Installation and Short User's Guide
Air throughput (at operating point)	280 m³/h
Rated operating voltage	100 V - 240 V, 1~, 50 Hz/60 Hz
Rated current max.	At 50 Hz: 0.7 A At 60 Hz: 0.69 A

Features

Dimensions	Width: 550 mm Height: 42 mm Depth: 340 mm
IP protection category to IEC 60529	IP 20
Speed	100 %
Pre-fuse	Miniature circuit-breaker/fuse: 10 A
Installation options	In VX IT with W x D (mm): 800 x 800 / 800 x 1000 / 800 x 1200 In TS IT with W x D (mm): 800 x 800 / 800 x 1000 / 800 x 1200
Note	Reduction in the specified air throughput to 280 m³/h at 25 Pa counterpressure
Noise level (at operating point)	46 dB(A)
To fit	Enclosure type: VX IT TS IT
Operating temperature range	5 °C...55 °C
Power consumption	42.5 W
Packs of	1 pc(s).
Net weight	3.62
Gross weight	3.62
Customs tariff number	84145915
EAN	4028177966239
ETIM 9	EC000320
ECLASS 8.0	27180716

Approvals

Approvals	UL UL + C-UL (listed)
-----------	--------------------------

Approvals

Explanations

Declaration of conformity

Declaration of conformity UK

Tender text

SK fan module 100-240 V, 50-60Hz

Order No. SK 5503.025

Fan module for active ventilation of an enclosure.

Use, directly in the cut-out integrated in the roof panel of the dimension WxD 490x260 mm.

Applicable e.g. for manufacturer Rittal, enclosure series VX IT, TS IT.

Complete unit ready for connection with C 13 cold appliance socket

Incl. 2 axial fans with integrated speed controllers (expandable to max. 6 fans), mounting material and installation instructions.

Technical data:

Rated operating voltage:

100-240 V, 1~, 50/60 Hz

Rated power with 6 fans (max.): 34 W at 50/60 Hz

Rated current with 6 fans (max.) at 50/60 Hz: 0.34 A

Fine-wire fuse T 10 A, 250 V, 5 x 20 mm integrated

Air performance free blowing: 400 m³/h

Air performance at operating point:

280 m³/h at 25 Pa, 50/60 Hz

Sound pressure level at operating point: 46 dB (A)

Operating temperature range:

+5°C to + 55°C

Dimensions WxHxD in mm: 550x42x340 mm

Protection class according to IEC 60529: IP 20

Material: sheet steel, painted

Color: RAL 9005 Matt, fine structure

Order No. SK 5503.025

Manufacturer: Rittal