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## SK 5503.020 Fan module

State: 09/08/2025 (Source: [rittal.com/sg-en](https://rittal.com/sg-en))

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FRIEDHELM LOH GROUP



# SK 5503.020 - 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 5503.020   |
| 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<br>Energy-efficient speed control with preset characteristic curve<br>International approvals and multi-voltage capability for worldwide use |
| Material                            | Sheet steel, spray-finished   |
| Colour                              | RAL 7035  |
| Supply includes                     | 1 fan unit<br>2 fans<br>Fully wired ready for connection<br>Assembly parts<br>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<br>At 60 Hz: 0.69 A   |

# Features

|                                     |  |
|-------------------------------------|--|
| Dimensions                          | Width: 550 mm<br>Height: 42 mm<br>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<br>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<br>TS IT   |
| Operating temperature range         | 5 °C...55 °C   |
| Power consumption                   | 42.5 W   |
| Packs of                            | 1 pc(s).   |
| Net weight                          | 3.4  |
| Gross weight                        | 3.52   |
| Customs tariff number               | 84145915   |
| EAN                                 | 4028177966246  |
| E-Number Sweden                     | E7238512   |
| ETIM 9                              | EC000320   |
| ECLASS 8.0                          | 27180716   |

# Approvals

|           |                          |
|-----------|--------------------------|
| Approvals | UL<br>UL + C-UL (listed) |
|-----------|--------------------------|

# Approvals

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Explanations

Declaration of conformity

Declaration of conformity UK

## Tender text

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

Order No. SK 5503.020

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 7035 structure

Order No. SK 5503.020

Manufacturer: Rittal