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SK 3166.230
Roof-mounted fans

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FRIEDHELM LOH GROUP

SK 3166.230 - Roof-mounted fans for VX IT, TS IT

Roof-mounted fan with an exceptionally low noise level of 39 dB(A) and a high volumetric flow (unimpeded air flow 1245 to 1345 m³/h), for use in office environments.

Features

Model No.	SK 3166.230
Benefits	Simple connection system with C13 IEC 320 socket Energy-efficient speed control with preset characteristic curve Very quiet and therefore suitable for office environments International approvals and multi-voltage capability for worldwide use
Applications	for the office sector
Function principle	The speed-regulated fan modifies output to the actual requirements
Material	Sheet steel, spray-finished
Colour	RAL 7035
Supply includes	1 fan unit Speed control Fully wired ready for connection Assembly parts Installation and Short User's Guide Without roof plate
Rated operating voltage	200 V - 240 V, 1~, 50 Hz/60 Hz
Note on Model No.	Reduction in the specified air throughput to 950 m³/h at 40 Pa counterpressure using two vented base/plinth trim panels
Rated current max.	At 50 Hz: 0.3 A At 60 Hz: 0.3 A
Design	Pre-configured
Dimensions	Width: 470 mm Height: 200 mm Depth: 470 mm
Mounting cut-out	Width:410 mm Depth:410 mm

Features

Protection category to IEC 60 529	IP 20
Temperature control	Speed-controlled fan
Operating temperature range	5 °C...55 °C
Power consumption Pel	Power consumption L35 L35/50 Hz: 30 W Power consumption L35 L35/60 Hz: 30 W
Air throughput (unimpeded air flow)	1,345 m³/h
Air throughput (at operating point)	950 m³/h
Noise level (at operating point)	39 dB(A)
Pre-fuse	Miniature circuit-breaker/fuse: 10 A
Packs of	1 pc(s).
Net weight	11.362 kg
Gross weight	11.96 kg
CRA risk class	Default (Low Risk)
Customs tariff number	84145915
ETIM 9	EC000320
ETIM 8	EC000320
ECLASS 8.0	27180716
Product description	SK Roof-mounted fan 200-240 V, 50-60 Hz, speed-controlled, 950 m³/h, for VX IT, for office environments (very quiet), WxHxD: 470x200x470 mm, RAL 7035

Approvals

Approvals	UL + C-UL (listed)
Explanations	Declaration of conformity

Tender text

SK roof fan 200-240 V, 50-60Hz
Order No. SK 3166.230
Roof fan for active ventilation of an enclosure.
Use, directly in the cut-out integrated in the roof panel of the
dimension WxD 410x410 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. radial fan, speed controller, fixing material and mounting
instructions.
Technical data:
Rated operating voltage:
200-240 V, 1~, 50/60 Hz
Rated power: 30 W at 50/60 Hz
Rated current (max.) at 50/60 Hz: 0.3 A
Fine-wire fuse T 10 A, 250 V, 5 x 20 mm integrated
Air performance free-blowing:
1345 m³/h, 50/60 Hz
Air performance at operating point:
950 m³/h at 40 Pa, 50/60 Hz
Sound pressure level at operating point: 39 dB (A)
Operating temperature range:
+5°C to + 55°C
Dimensions WxHxD in mm: 470x200x470 mm
Protection class according to IEC 60529:
IP 20
Material: sheet steel, painted
Color: RAL 7035 structure

Order No. SK 3166.230
Manufacturer: Rittal

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