Rittal – The System.

Faster – better – everywhere.



SK 3241.100

TopTherm fan-and-filter units

State: 18/01/2022 (Source: rittal.com/com-en)

ENCLOSURES | POWER DISTRIBUTION | CLIMATE CONTROL | IT INFRASTRUCTURE | SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

SK 3241.100 - TopTherm fan-and-filter units

Complete fan unit for tool-free mounting on surfaces. Air throughput from 20 - 900 m³/h, standard protection category IP 54.





Features

Product description	Fan-and-filter units with diagonal fan technology have superior pressure stability and ensure a more constant air throughput. The diagonal direction of outflow ensures more even heat dissipation from the enclosure.
Colour	RAL 7035
Supply includes	Complete unit ready to install, including filter mat
Fan	Diagonal, shaded pole motor
Air throughput (unimpeded air flow)	Air throughput at 50 Hz: 230 m³/h Air throughput at 60 Hz: 250 m³/h
Air throughput with outlet filter including standard filter mat (quantity x order number)	1 x 3240200: 183/205 m³/h 2 x 3240200: 203/220 m³/h 1 x 3243200: 203/230 m³/h
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Rated current max.	At 50 Hz: 0.26 A At 60 Hz: 0.24 A
Power consumption Pel	At 50 Hz: 40 W At 60 Hz: 42 W
Dimensions	Width: 255 mm Height: 255 mm

© Rittal 2022

Features

Installation dimensions	Build-up depth for components max: 25 mm Installation depth: 107 mm
Mounting cut-out	Cut-out width: 224 mm Cut-out height: 224 mm
Note	With the fan-and-filter unit 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other fan-and-filter units, a screwless spring terminal is used
IP protection category to IEC 60 529	IP protection category to IEC 60 529: IP 54 with standard filter and additional fine filter mat: IP 55 with standard filter and hose-proof hood: IP 56
Protection category NEMA	Standard: Type 12 with standard filter and additional fine filter mat: Type 12 with standard filter and hose-proof hood: Type 3, 3R, 4, 4X
Pre-fuse	Miniature circuit-breaker/fuse: 4 A
Service life of fans (L10, 40 °C)	At 50 Hz: 61,000 h At 60 Hz: 60,000 h
Operating temperature range	-30 °C...55 °C
Storage temperature range	-30 °C...70 °C
Noise level	At 50 Hz: 54 dB(A) At 60 Hz: 56 dB(A)
Weight/pack	2.24 kg
Packs of	1 Stück
ETIM 7.0	EC000320
ECLASS 8.0	27180716

Approvals

Approvals	Approvals CSA UL + C-UL - FTTA UR + C-UR

Approvals

Explanations

Declaration of conformity

Tender text

TopTherm fan-and-filter unit

Complete fan unit for tool-free mounting on surfaces.
Air throughput from 20 - 900m³/h, standard protection category IP 54.

Air throughput m³/h 230/250
Air throughput with 1 outlet filter: 183/195 m³/h
Air throughput with 2 outlet filters: 203/230 m³/h
Air throughput with 3 outlet filters: 203/230 m³/h
Rated operating voltage 230 V AC, 50/60 Hz
Dimensions W x H [mm]: 255 x 255
Required mounting cut-out W x H [mm] [mm]: 224 x 224
Build height [mm]: 25
Installation depth [mm]: 107
Storage temperature range: -30°C to +70°C
Operating temperature range (ambience): -30°C to + 55°C
Protection category IP to IEC 60 529: IP 54
Protection category with hose-proof hood: IP 56
Fine filter mat and hose-proof hood IP 55
Colour RAL 7035