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SK 3237.110

TopTherm fan-and-filter units

State: 12/09/2023 (Source: rittal.com/com-en)

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FRIEDHELM LOH GROUP

SK 3237.110 - 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

Model No.	SK 3237.110
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 chopped-fibre filter mat
Fan	Axial, shaded pole motor
Air throughput, unimpeded airflow (with chopped-fibre filter)	At 50 Hz: 20 m³/h At 60 Hz: 25 m³/h
Air throughput with outlet filter including chopped-fibre filter mat (quantity x order number)	1 x 3237200: 15/18 m³/h 2 x 3237200: 16/20 m³/h
Rated operating voltage	115 V, 1~, 50 Hz/60 Hz
Power consumption Pel	At 50 Hz: 11 W At 60 Hz: 9 W
Rated current max.	At 50 Hz: 0.12 A At 60 Hz: 0.13 A
Dimensions	Width: 116.5 mm Height: 116.5 mm

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Features

Mounting cut-out	Cut-out width: 92 mm Cut-out height: 92 mm
Installation depth	43 mm
IP protection category to IEC 60 529	IP54 with chopped-fibre filter IP56 with chopped-fibre filter and hose-proof hood
Protection category NEMA	Type 12 with chopped-fibre filter Type 3, 3R with chopped-fibre filter and hose-proof hood
Pre-fuse	Miniature circuit-breaker/fuse: 2 A
Note	To increase the air throughput, a pleated filter may optionally be used (see characteristic curve). Suitable for use with fan-and-filter units, roof-mounted fans and outlet filters. 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
Service life of fans (L10, 40 °C)	At 50 Hz: 55,000 h At 60 Hz: 60,000 h
Operating temperature range	-15 °C...55 °C
Storage temperature range	-30 °C...70 °C
Noise level	At 50 Hz: 38 dB(A) At 60 Hz: 43 dB(A)
Packs of	1 pc(s).
Weight/pack	0.48 kg
Customs tariff number	84145915
EAN	4028177651593
ETIM 7.0	EC000320
ECLASS 8.0	27180716

Approvals

Approvals

Approvals	CSA UL + C-UL - FTTA UR + C-UR (recognized)
Explanations	Declaration of conformity Declaration of conformity UK

Tender text

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
Air troughput (unimpeded air flow): 20 / 25 m3/h
Power consumption: 11 / 9 W
Rated current: 0,12 / 0,1 A
Rated operating voltage: 115 V, 1~, 50/60 Hz
Fan: Axial, shaded pole motor
Dimensions [WxH]: 116,5x116,5 mm
Build depth: 16 mm
Installation depth: 43 mm
Mounting cut-out [WxH]: 92x92 mm
Operating temperature range: -15°C to 55°C
Storage temperature range: -30°C to 70°C
Colour: RAL 7035
Protection category IP to IEC 60 529:
IP 54 with fleece filter
IP 56 with fleece filter and hose-proof hood
Protection category NEMA:
Type 12 with fleece filter
Type 3, 3R with fleece filter and hose-proof hood
Noise level: 38 / 43 db(A)
Service life of fans: 55.000 / 60.000 h
Weight: 0,48 kg