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# SK 3241.600 TopTherm fan-and-filter units

IT INFRASTRUCTURE SOFTWARE & SERVICES

State: 16/5/2024 (Source: rittal.com/in-en)

POWER DISTRIBUTION >> CLIMATE CONTROL

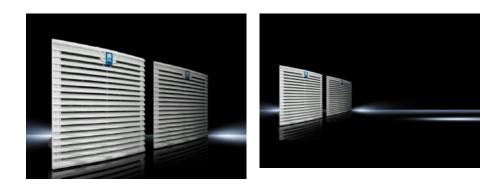


FRIEDHELM LOH GROUP

ENCLOSURES

### SK 3241.600 - TopTherm fan-and-filter units EMC

Complete fan unit with EMC shielding for tool-free mounting on surfaces. Air throughput from 20 - 900 m<sup>3</sup>/h, standard protection category IP 54.



#### Features

Model No.	SK 3241.600
Product description	EMC fan-and-filter units offer a high shielding/attenuation effect and meet requirement category 2 to EN 61587-3.
Colour	RAL 7035
Supply includes	Complete unit ready to install, including chopped-fibre filter mat
Fan	Diagonal, shaded pole motor
Air throughput (unimpeded air	At 50 Hz: 225 m³/h
flow)	At 60 Hz: 245 m³/h
Air throughput with outlet filter	1 x 3240060: 171/182 m³/h
including chopped-fibre filter mat (quantity x order number)	2 x 3240060: 200/217 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
Installation dimensions	Build depth: 25 mm
	Installation depth: 107 mm

#### Features

Mounting cut-out	Cut-out width: 224 mm Cut-out height: 224 mm
EMC version	Yes
Note	To improve energy efficiency and extend the service life of the devices, we recommend the use of thermostats or temperature displays
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, 4, 4X with chopped-fibre filter and hose-proof hood
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 °C55 °C
Storage temperature range	-30 °C70 °C
Noise level	At 50 Hz: 54 dB(A) At 60 Hz: 56 dB(A)
Packs of	1 pc(s).
Weight/pack	2.12 kg
Customs tariff number	84145915
EAN	4028177652460
ETIM 7.0	EC000320
ECLASS 8.0	27180716

## Approvals

Approvals	CSA
	UL + C-UL - FTTA
	UR + C-UR (recognized)

#### Approvals

Explanations

Declaration of conformity Declaration of conformity UK

#### Tender text

EMC fan-and-filter units offer a high shielding/attenuation effect and meet requirement category 2 to EN 61587-3. Air troughput (unimpeded air flow): 225 / 245 m3/h Power consumption 50/60 Hz: 40 / 42 W Rated power input 50/60 Hz: 0,26 / 0,24 A Rated operating voltage: 230 V, 1~, 50/60 Hz Diagonal fan: Diagonal, shaded pole motor Dimensions [WxH]: 255x255 mm Installation depth: 107 mm Build depth: 25 mm Required mounting cut-out [WxH]: 224x224 mm Operating temperature range: -30°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 with hose-proof hood Protection category NEMA: Type 12 with fleece filter Type 3, 3R, 4, 4X with fleece filter with hose-proof hood Noise level 50/60 Hz: 54 / 56 dB(A) Service life 50/60 Hz: 61.000 / 60.000 h Weight: 2,12 kg