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SK 3241.600 TopTherm filter fans

CLIMATE CONTROL

State: 2/08/2025 (Source: rittal.com/nz-en)

POWER DISTRIBUTION



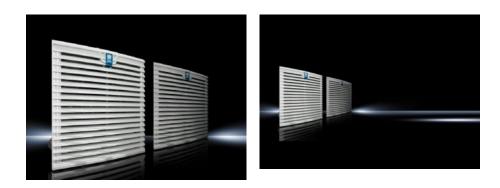
IT INFRASTRUCTURE SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

ENCLOSURES

SK 3241.600 - TopTherm filter fans EMC

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



Features

Model No.	SK 3241.600	
Design	wall-mounted EMC	
Product description	EMC fan-and-filter units offer a high shielding/attenuation effect and meet requirement category 2 to EN 61587-3.	
Product modification	The cover for the connection clamp has not been part of the TopTherm filter fans since May 2024. In testing, it proved not to be necessary to meet the standard, and affects neither function nor operational reliability.	
Colour	RAL 7035	
Supply includes	Complete unit ready to install, including chopped-fibre filter mat	
Fan	Diagonal, shaded pole motor	
Air throughput (unimpeded air flow)	At 50 Hz: 225 m³/h At 60 Hz: 245 m³/h	
Air throughput with outlet filter including chopped-fibre filter mat (quantity x order number)	1 x 3240060: 171/182 m³/h 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	

Features

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	
Mounting cut-out	Cut-out width: 224 mm Cut-out height: 224 mm	
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	IP 54 with chopped-fibre filter IP 56 with chopped-fibre filter and hose-proof hood	
Protection category NEMA	Type 12 with chopped-fibre filter Type 3 Type 3R Type 4 Type 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).	
Net weight	2.1	
Gross weight	2.275	
Customs tariff number	84145915	
EAN	4028177652460	
ETIM 9	EC000320	

Features

ETIM 8	EC000320	
ECLASS 8.0	27180716	
Approvals		
Approvals	CSA	
	UL + C-UL - FTTA	
	UR + C-UR (recognized)	
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