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SK 3243.500

TopTherm fan-and-filter units

State: 4/07/2022 (Source: rittal.com/uk-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

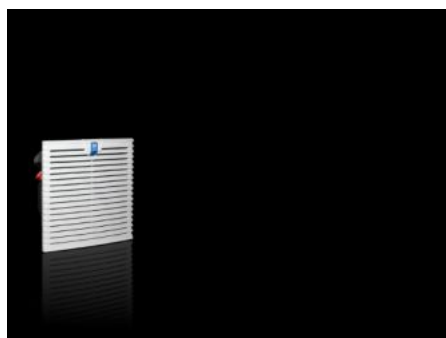
SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3243.500 - TopTherm fan-and-filter units with EC technology

Energy-efficient version of the RTT fan-and-filter units with EC technology. From 180 m³/h with integral control interface (0-10 V / PWM input and tachosignal output) to regulate and monitor the fan.



Features

Model No.	SK 3243.500
Product description	Energy-efficient version of the TopTherm fan-and-filter units with diagonal fan technology. For controlling and monitoring fans 3240.50x to 3245.51x. The fan may be activated via the control interface with tacho signal output integrated as standard, and monitoring of the fan speed and function is supported.
Colour	RAL 7035
Supply includes	Complete unit ready to install, including filter mat
Fan	Diagonal, EC motor
Air throughput (unimpeded air flow)	Air throughput at 50 Hz: 550 m ³ /h Air throughput at 60 Hz: 550 m ³ /h
Air throughput with outlet filter including standard filter mat (quantity x order number)	1 x 3243200: 465 m ³ /h 2 x 3243200: 508 m ³ /h
Rated operating voltage	200 V - 240 V, 1~, 50 Hz/60 Hz
Rated current max.	At 50 Hz: 0.5 A At 60 Hz: 0.5 A

Features

Power consumption Pel	At 50 Hz: 51 W At 60 Hz: 51 W
Dimensions	Width: 323 mm Height: 323 mm
Installation dimensions	Build depth: 25 mm Installation depth: 118.5 mm
Mounting cut-out	Cut-out width: 292 mm Cut-out height: 292 mm
Control interface	Yes
Note	For even more efficient operation or for monitoring the fan-and-filter units, we recommend the use of the EC speed control for EC fan-and-filter units (from an air throughput of 180 m ³ /h).
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: 6 A
Service life	65,000 h
Operating temperature range	-25 °C...55 °C
Storage temperature range	-25 °C...70 °C
Noise level	At 50 Hz: 63 dB(A) At 60 Hz: 63 dB(A)
Packs of	1 pc(s).
Weight/pack	2.92 kg
Copper weight (kg per piece)	0
Customs tariff number	84145915
EAN	4028177652156
ETIM 7.0	EC000320
ECLASS 8.0	27180716

Approvals

Approvals

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

Explanations

Declaration of conformity
Declaration of conformity UK

Tender text

Energy-efficient version of the TopTherm fan-and-filter units with diagonal fan technology. Fans 3240.500 to 3245.510 may be controlled and monitored. The fan may be activated via the control interface with tachometer signal output integrated as standard, and monitoring of the fan speed and function is supported.

Air throughput (unimpeded air flow): 550 / 550 m³/h

Power consumption 50/60 Hz: 51 / 51 W

Rated power input 50/60 Hz: 0,5 / 0,5 A

Rated operating voltage: 200-240 V, 1~, 50/60 Hz

Diagonal fan: Diagonal, EC motor

Dimensions [WxH]: 323x323 mm

Installation depth: 118,5 mm

Build depth: 25 mm

Required mounting cut-out [WxH]: 292x292 mm

Operating temperature range: -25 °C to 55 °C

Storage temperature range: -25 °C to 70 °C

Colour: RAL 7035

Protection category IP to IEC 60 529: IP 54

Protection category with standard filter and additional fine filter mat:

IP 55

Protection category with standard filter and hose-proof hood: IP 56

Protection category NEMA: Type 12

Protection category NEMA with standard filter and additional fine filter mat: Type 12

Protection category NEMA with standard filter and hose-proof hood: Type 3, 3R, 4, 4X

Noise level 50/60 Hz: 63 / 63 dB(A)

Service life 50/60 Hz: 65.000 h

Weight: 2,92 kg