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► TopTherm fan-and-filter units with EC technology – SK 3241.500

Date : Feb 10, 2020

ENCLOSURES

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



TopTherm fan-and-filter units with EC technology – SK 3241.500

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Product description

Description:	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 tacho signal output integrated as standard, and monitoring of the fan speed and function is supported.
Colour:	RAL 7035
Protection category IP 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:	with standard filter: Type 12 with standard filter and additional fine filter mat: Type 12 with standard filter and hose-proof hood: Type 3, 3R, 4, 4X
Supply includes:	Complete unit ready to install, including filter mat
Note:	For even more efficient operation or for monitoring the fan-and-filter units, we recommend the use of an EC speed control for EC fan-and-filter units

Product features

Air throughput (unimpeded air flow):	At 50 Hz: 230 m ³ /h At 60 Hz: 230 m ³ /h
Air throughput with outlet filter including standard filter mat (quantity x order number, output 50/60)	1 x 3240200: 183 m ³ /h 2 x 3240200: 203 m ³ /h 1 x 3243200: 203 m ³ /h

Hz):

Control interface:	yes
Rated operating voltage:	200 V - 240 V, 1~, 50 Hz/60 Hz
Dimensions:	Width: 255 mm Height: 255 mm
Required mounting cut-out:	Width: 224 mm Height: 224 mm
Build depth:	25 mm
Installation depth:	107 mm
Temperature range:	Bearing: -25 °C...+70 °C Operation (environment): -25 °C...+55 °C
Power consumption P_{ej}:	At 50 Hz: 16 W At 60 Hz: 16 W
Rated current max.:	At 50 Hz: 0.17 A At 60 Hz: 0.17 A
Miniature circuit-breaker/fuse:	6 A
Service life:	64000 h
Noise level:	At 50 Hz: 52 dB(A) At 60 Hz: 52 dB(A)
Diagonal fan:	Diagonal, EC motor
Packs of:	1 pc(s).
Weight/pack:	1.98 kg
EAN:	4028177652026
Customs tariff number:	84145915
ETIM 7.0:	EC000320
ETIM 6.0:	EC000320
eCl@ss 8.0/8.1:	27180716
eCl@ss 6.0/6.1:	27180716

Product description:	SK fan and filter units TopTherm, 230 m ³ /h, 200-240 V, 1~, 50/60 Hz, WHD: 255 x 255 x 25 mm, EC-Technology
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Approvals

Approvals:	Approval overview	CCC exception letter
	UL + C-UL - FTTA	CSA
	UR + C-UR	

Certificates:	EAC
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Declarations:	Declaration of conformity
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