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SK 3241.718

Blue e+ fan-and-filter unit

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3241.718 - Blue e+ fan-and-filter unit

Complete fan-and-filter units for tool-free installation in surfaces. Air throughput 20 – 1,160 m³/h, protection category IP 54 as standard.



Features

Model No.	SK 3241.718
Design	wall-mounted
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.
Benefits	<p>Maximum air throughput via pleated filter included in the delivered state</p> <p>Easy filter changes, thanks to a new opening mechanism on the louvred grille</p> <p>Faster installation on the enclosure with optimised detent hooks</p> <p>Diagonal fan technology achieves more even and constant ventilation of the enclosure, thanks to improved pressure stability</p> <p>Tool-free assembly</p>
Material	Plastic
Colour	RAL 9005
Supply includes	Complete unit ready to install, including pleated filter
Fan	Diagonal, shaded pole motor

Features

Air throughput, unimpeded airflow (with chopped-fibre filter)	At 50 Hz: 225 m ³ /h At 60 Hz: 245 m ³ /h
Air throughput, unimpeded airflow (with pleated filter)	At 50 Hz: 272 m ³ /h At 60 Hz: 280 m ³ /h
Air throughput with matching outlet filter including chopped-fibre filter	At 50 Hz: 173 m ³ /h At 60 Hz: 187 m ³ /h
Air throughput with matching outlet filter including pleated filter	At 50 Hz: 242 m ³ /h At 60 Hz: 246 m ³ /h
Rated operating voltage	115 V, 1~, 50 Hz/60 Hz
Power consumption Pel	At 50 Hz: 43.4 W At 60 Hz: 52.2 W
Rated current max.	At 50 Hz: 0.54 A At 60 Hz: 0.6 A
Dimensions	Width: 255 mm Height: 255 mm Depth: 129 mm
Installation depth	108 mm
Mounting cut-out	Cut-out width: 224 mm Cut-out height: 224 mm
IP protection category to IEC 60529	IP 54 with chopped-fibre filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter and hose-proof hood
Protection category NEMA	Type 12 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose-proof hood
Pre-fuse	Miniature circuit-breaker/fuse: 4 A
Note	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
Operating temperature range	-30 °C...55 °C
Storage temperature range	-30 °C...70 °C

Features

Noise level	At 50 Hz: 53 dB(A) At 60 Hz: 54 dB(A)
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Packs of	1 pc(s).
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Net weight	1.8
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Customs tariff number	84145915
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EAN	4028177998032
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ETIM 9	EC000320
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ETIM 8	EC000320
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ECLASS 8.0	27180716
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Approvals

Approvals	CSA 30 - KC Korea UL + C-UL - FTTA UR + C-UR (recognized)
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Explanations	Declaration of conformity
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