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SK 3243.900

Blue e+ filter fan

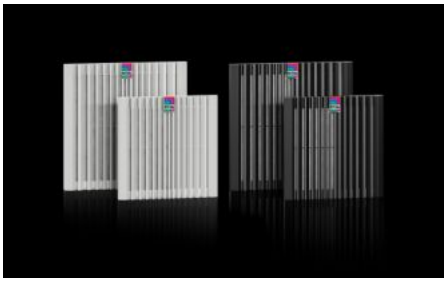
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ENCLOSURES | POWER DISTRIBUTION | CLIMATE CONTROL | IT INFRASTRUCTURE | SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

SK 3243.900 - Blue e+ filter fan with EC technology

The energy-efficient design with EC technology is characterized not only by its first-time IoT capability. The Blue e+ filter fan also opens the door to many other advantages – from energy efficiency to monitoring and sustainability to higher air performance (175 - 1,160 m³/h).







Features

Model No.	SK 3243.900
Version	wall-mounted EC
Product description	The Blue e+ filter fans achieve maximum air throughput thanks to the standard use of folded filters. Can be used worldwide due to wide-range input (100-240 V). Control and monitoring via the Modbus interface enables exclusive features (automatic filter cleaning, filter maintenance display, emergency cooling function)
Benefits	Highest airflow through pleated filter in delivery condition Wide range input 100 - 240 V IoT connectivity enables exclusive features such as automatic filter cleaning, filter maintenance indicator, emergency cooling function Easy filter change thanks to a new opening mechanism on the louvre grille Faster assembly on the enclosure due to optimized snap hooks Diagonal fan technology ensures more uniform and consistent ventilation of the control cabinet through higher pressure stability. Tool-free mounting
Material	Plastic

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Features

Color	RAL 7035
Supply includes	Complete unit ready to install, including pleated filter
Fan	Diagonal, EC motor
Unimpeded air flow (with pleated filter)	At 50 Hz: 625 m³/h At 60 Hz: 625 m³/h At 50 Hz: 367.86 cfm At 60 Hz: 367.86 cfm
Airflow with corresponding outlet filter including pleated filter	At 50 Hz: 565 m³/h At 50 Hz: 332.55 cfm
Unimpeded air flow (with chopped fiber filter)	At 50 Hz: 540 m³/h At 50 Hz: 317.8 cfm
Airflow with corresponding outlet filter including chopped fiber filter	At 50 Hz: 444 m³/h At 50 Hz: 261.33 cfm
Rated operating voltage	100 V - 240 V, 1~, 50 Hz/60 Hz
Rated power Pel	At 50 Hz: 55.1 W
Rated current max.	At 50 Hz: 0.88 A
Dimensions	Width: 323 mm Height: 323 mm Depth: 156.5 mm Width: 12.7 ″ Height: 12.7 ″ Depth: 6.16 ″
Installation depth	136.5 mm 5.37 ″
Mounting cut-out	Width of opening: 292 mm Cut-out height: 292 mm Width of opening: 11.5 ″ Cut-out height: 11.5 ″
Protection category IP to IEC 60 529	IP 54 with chopped fiber filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped fiber filter/pleated filter and hose-proof hood
Protection category NEMA	Type 12 with chopped fiber filter/pleated filter Type 3, 3R, 4, 4X with chopped fiber filter/pleated filter and hose-proof hood

Features

Pre-fuse	Miniature circuit-breaker/fuse: 6 A
Operating temperature range	-25 °C...55 °C -13 °F...131 °F
Storage temperature range	-25 °C...70 °C -13 °F...158 °F
Noise pressure level	At 50 Hz: 65 dB(A)
Interfaces	0 - 10 V/PWM input Speed output potential-free fault indication contact RS485 (ModBus)
Packaging unit	1 pc(s).
Net weight	3.65 kg
Gross weight	3.763 kg
CRA risk class	Default (Low Risk)
Customs tariff number	84145915
ETIM 9	EC000320
ETIM 8	EC000320
ECLASS 8.0	27180716
Product description	SK Blue e+ filter fan, EC technology, 625 m³/h, 100 V - 240 V, 1~, 50 Hz/60 Hz, WHD: 323 x 323 x 156.5 mm, RAL 7035

Approvals

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