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SK 3244.900 Blue e+ filter fan

State: 2/7/2025 (Source: rittal.com/us-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

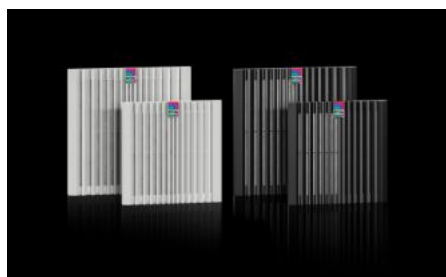
SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3244.900 - 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 3244.900
Version	wall-mounted EC
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
Color	RAL 7035
Supply includes	Complete unit ready to install, including folded filter
Fan	Diagonal, EC motor
Unimpeded air flow (with fleece filter)	At 50 Hz: 700 m³/h At 50 Hz: 412 cfm

Features

Unimpeded air flow (with folded filter)	At 50 Hz: 867 m³/h At 60 Hz: 867 m³/h At 50 Hz: 510.3 cfm At 60 Hz: 510.3 cfm
Airflow with corresponding outlet filter including fleece filter	At 50 Hz: 535 m³/h At 50 Hz: 314.89 cfm
Rated operating voltage	100 V - 240 V, 1~, 50 Hz/60 Hz
Rated power Pel	At 50 Hz: 116.4 W
Rated current max.	At 50 Hz: 1.97 A
Dimensions	Width: 323 mm Height: 323 mm Depth: 161 mm Width: 12.7 " Height: 12.7 " Depth: 6.34 "
Installation depth	141 mm 5.55 "
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 60529	IP54 with fleece filter/folded filter IP 55 with folded filter and absorber mat IP56 with fleece filter/folded filter and hose-proof hood
Protection category NEMA	Type 12 with fleece filter/folded filter Type 3 Type 3R Type 4 Type 4X with chopped-fibre filter and hose-proof hood
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

Features

Noise pressure level	At 50 Hz: 66 dB(A)
Interfaces	0 - 10 V/PWM input Speed output potential-free fault indication contact RS485 (ModBus)
Packaging unit	1 pc(s).
Net weight	4.15
Gross weight	4.248
Customs tariff number	84145915
EAN	4028177997844
ETIM 9	EC000320
ETIM 8	EC000320
ECLASS 8.0	27180716

Approvals

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