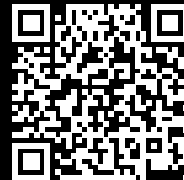


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SK 3240.900

Blue e+ fan-and-filter unit

State: 7/05/2025 (Source: rittal.com/nz-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

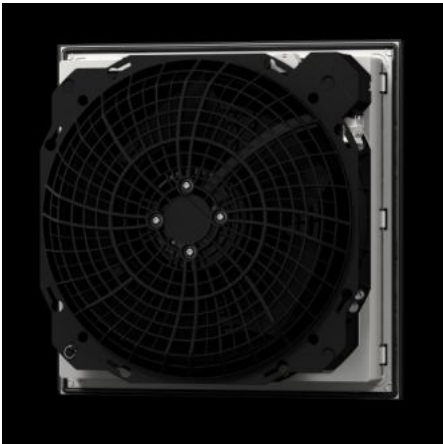
SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3240.900 - Blue e+ fan-and-filter unit with EC technology

The energy-efficient version with EC technology stands out for more than just its unique IoT capabilities. The Blue e+ fan-and-filter unit unlocks countless other advantages, from energy efficiency, to monitoring and sustainability, through to a higher air throughput (175 – 1,160 m³/h).



Features

Model No.	SK 3240.900
Design	wall-mounted EC
Product description	Blue e+ fan-and-filter units achieve maximum air throughput because they use pleated filters as standard. Wide-range input (100-240 V) enables worldwide use. Activation and monitoring via a Modbus interface supports exclusive features (automatic filter cleaning, filter maintenance display, emergency cooling function)

Features

Benefits	<p>Maximum air throughput via pleated filter included in the delivered state</p> <p>Wide-range input 100 – 240 V</p> <p>IoT link enables exclusive features such as automatic filter cleaning, filter maintenance display, emergency cooling function</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 7035
Supply includes	Complete unit ready to install, including pleated filter
Fan	Diagonal, EC motor
Air throughput, unimpeded airflow (with chopped-fibre filter)	At 50 Hz: 175 m³/h
Air throughput, unimpeded airflow (with pleated filter)	At 50 Hz: 218 m³/h At 60 Hz: 218 m³/h
Air throughput with matching outlet filter including chopped-fibre filter	At 50 Hz: 130 m³/h
Rated operating voltage	100 V - 240 V, 1~, 50 Hz/60 Hz
Power consumption Pel	At 50 Hz: 13.4 W
Rated current max.	At 50 Hz: 0.2 A
Dimensions	<p>Width: 255 mm</p> <p>Height: 255 mm</p> <p>Depth: 137.5 mm</p>
Installation depth	116.5 mm
Mounting cut-out	<p>Cut-out width: 224 mm</p> <p>Cut-out height: 224 mm</p>
IP protection category to IEC 60529	<p>IP 54 with chopped-fibre filter/pleated filter</p> <p>IP 55 with pleated filter and absorber mat</p> <p>IP56 with chopped-fibre filter/pleated filter and hose-proof hood</p>

Features

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: 6 A
Operating temperature range	-25 °C...55 °C
Storage temperature range	-25 °C...70 °C
Noise level	At 50 Hz: 48 dB(A)
Interfaces	0 - 10 V/PWM input Speed output Floating fault signal contact RS485 (ModBus)
Packs of	1 pc(s).
Net weight	2.1
Gross weight	2.324
Customs tariff number	84145915
EAN	4028177998070
ETIM 9	EC000320
ETIM 8	EC000320
ECLASS 8.0	27180716

Approvals

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