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## SK 3245.810 Blue e+ filter fan

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3245.810 - Blue e+ filter fan EMC

Complete fan unit with EMC shielding for tool-free mounting on surfaces. Air throughput from 20 – 900 m<sup>3</sup>/h



## Features

|   |   |
|---|---|
| Model No.   | SK 3245.810   |
| Design  | wall-mounted<br>EMC   |
| Product description   | EMC fan-and-filter units offer a high shielding/attenuation effect and meet requirement category 2 to EN 61587-3.   |
| Benefits  | Easy filter changes, thanks to a new opening mechanism on the louvred grille<br>Faster installation on the enclosure with optimised detent hooks<br>Diagonal fan technology achieves more even and constant ventilation of the enclosure, thanks to improved pressure stability<br>Tool-free assembly |
| Material  | Plastic   |
| Colour  | RAL 7035  |
| Supply includes   | Complete unit ready to install, including EMC filter mat  |
| Fan   | Diagonal, EC motor  |
| Air throughput, unimpeded airflow (with chopped-fibre filter) | At 50 Hz: 931 m <sup>3</sup> /h   |

# Features

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|---|--|
| Air throughput with matching outlet filter including chopped-fibre filter | At 50 Hz: 728 m <sup>3</sup> /h  |
| Rated operating voltage   | 100 V - 130 V, 1~, 50 Hz/60 Hz   |
| Power consumption Pel   | At 50 Hz: 174.6 W  |
| Rated current max.  | At 50 Hz: 2.52 A   |
| Dimensions  | Width: 323 mm<br>Height: 323 mm<br>Depth: 156 mm   |
| Installation depth  | 136 mm   |
| Mounting cut-out  | Cut-out width: 292 mm<br>Cut-out height: 292 mm  |
| IP protection category to IEC 60 529                                      | IP51 with chopped-fibre filter<br>IP 56 with chopped-fibre filter and hose-proof hood  |
| Protection category NEMA  | Type 12 with chopped-fibre filter<br>Type 3, 3R with chopped-fibre filter and hose-proof hood  |
| Note  | To improve energy efficiency and extend the service life of the devices, we recommend the use of thermostats or temperature displays |
| Operating temperature range   | -25 °C...55 °C   |
| Storage temperature range   | -25 °C...70 °C   |
| Noise level   | At 50 Hz: 72 dB(A)   |
| Interfaces  | 0 - 10 V/PWM input<br>Speed output   |
| Packs of  | 1 pc(s).   |
| Net weight  | 4.01 kg  |
| Gross weight  | 4.218 kg   |
| Customs tariff number   | 84145915   |
| ETIM 9  | EC000320   |
| ETIM 8  | EC000320   |

# Features

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| ECLASS 8.0 | 27180716 |
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|---------------------|--|
| Product description | SK Blue e+ fan-and-filter unit, EMC, 931 m <sup>3</sup> /h, 100 V – 130 V, 1~, 50 Hz/60 Hz, WHD 323 x 323 x 156.5 mm, RAL 7035 |
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# Approvals

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| Approvals | CSA<br>30 - KC Korea<br>UL + C-UL - FTFA<br>UR + C-UR (recognized) |
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| Explanations | Declaration of conformity |
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