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## SK 3243.810 Blue e+ filter fan

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3243.810 - 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 3243.810                                                                                                                                                                                                                                                                                           |
| 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, 1~ capacitor motor                                                                                                                                                                                                                                                                          |
| Air throughput, unimpeded airflow (with chopped-fibre filter) | At 50 Hz: 540 m <sup>3</sup> /h<br>At 60 Hz: 590 m <sup>3</sup> /h                                                                                                                                                                                                                                    |

# Features

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|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Air throughput with matching outlet filter including chopped-fibre filter | At 50 Hz: 444 m <sup>3</sup> /h<br>At 60 Hz: 498 m <sup>3</sup> /h                                                                   |
| Rated operating voltage                                                   | 115 V, 1~, 50 Hz/60 Hz                                                                                                               |
| Power consumption Pel                                                     | At 50 Hz: 78.7 W<br>At 60 Hz: 102.8 W                                                                                                |
| Rated current max.                                                        | At 50 Hz: 0.81 A<br>At 60 Hz: 0.9 A                                                                                                  |
| Dimensions                                                                | Width: 323 mm<br>Height: 323 mm<br>Depth: 144.5 mm                                                                                   |
| Installation depth                                                        | 124 mm                                                                                                                               |
| Mounting cut-out                                                          | Cut-out width: 292 mm<br>Cut-out height: 292 mm                                                                                      |
| IP protection category to IEC 60529                                       | IP 54 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, 4, 4X with chopped-fibre filter and hose-proof hood                                 |
| Pre-fuse                                                                  | Miniature circuit-breaker/fuse: 6 A                                                                                                  |
| 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                                               | -30 °C...55 °C                                                                                                                       |
| Storage temperature range                                                 | -30 °C...70 °C                                                                                                                       |
| Noise level                                                               | At 50 Hz: 62 dB(A)<br>At 60 Hz: 65 dB(A)                                                                                             |
| Packs of                                                                  | 1 pc(s).                                                                                                                             |
| Net weight                                                                | 4,04 kg                                                                                                                              |
| Gross weight                                                              | 4,248 kg                                                                                                                             |
| Customs tariff number                                                     | 84145915                                                                                                                             |
| ETIM 9                                                                    | EC000320                                                                                                                             |

# Features

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|---------------------|------------------------------------------------------------------------------------------------------------------------------|
| ETIM 8              | EC000320                                                                                                                     |
| ECLASS 8.0          | 27180716                                                                                                                     |
| Product description | SK Blue e+ fan-and-filter unit, EMC, 540/590 m <sup>3</sup> /h, 115 V, 1~, 50 Hz/60 Hz, WxHxD 323 x 323 x 144.5 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) |
| Explanations | Declaration of conformity                                          |

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