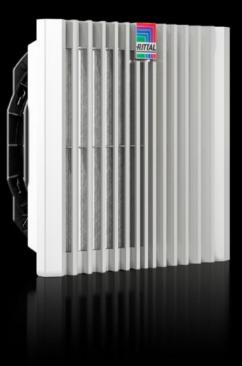


Faster – better – everywhere.





# SK 3241.810 Blue e+ filter fan

State: 2025-09-07 (Source: rittal.com/ca-en)



POWER DISTRIBUTION >> CLIMATE CONTROL

IT INFRASTRUCTURE SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

ENCLOSURES

## SK 3241.810 - Blue e+ filter fan EMC

Complete fan unit with EMC shielding for tool-free mounting on surfaces. Air throughput from  $20-900 \text{ m}^3/\text{h}$ 



#### Features

| Model No.                                      | SK 3241.810   |
|--|---|
| Version  | wall-mounted<br>EMC   |
| Product description                            | EMC fan-and-filter units have a high screening/dampening effect and meet performance level 2 as per EN 61587-3.   |
| Benefits                                       | Easy filter change thanks to a new opening mechanism on the<br>louvre grille<br>Faster assembly on the enclosure due to optimized snap hooks<br>Diagonal fan technology ensures more uniform and consistent<br>ventilation of the control cabinet through higher pressure stability<br>Tool-free mounting |
| Material                                       | Plastic   |
| Color  | RAL 7035  |
| Supply includes                                | Complete unit ready to install, including EMC filter mat  |
| Fan  | Diagonal, shaded pole motor   |
| Unimpeded air flow (with chopped fiber filter) | At 50 Hz: 225 m³/h<br>At 60 Hz: 245 m³/h  |
|  |   |

## Features

| Airflow with corresponding outlet filter including chopped fiber filter | At 50 Hz: 173 m³/h<br>At 60 Hz: 187 m³/h  |
|---|---|
| Rated operating voltage   | 115 V, 1~, 50 Hz/60 Hz  |
| Rated power Pel   | At 50 Hz: 43.4 kW<br>At 60 Hz: 52.2 kW  |
| Rated current max.  | At 50 Hz: 0.54 A<br>At 60 Hz: 0.6 A   |
| Dimensions  | Width: 255 mm<br>Height: 255 mm<br>Depth: 129 mm  |
| Installation depth  | 108 mm  |
| Mounting cut-out  | Width of opening: 224 mm<br>Cut-out height: 224 mm  |
| Protection category IP to IEC 60<br>529                                 | IP 54 with fleece filter<br>IP 56 with fleece filter and hose-proof hood  |
| Protection category NEMA  | Type 12 with fleece filter<br>Type 3, 3R, 4, 4X with fleece filter and hose-proof hood                              |
| Pre-fuse  | Miniature circuit-breaker/fuse: 4 A   |
| Note  | To improve energy efficiency and increase equipment service life, we recommend thermostats or temperature displays. |
| Operating temperature range   | -30 °C55 °C   |
| Storage temperature range   | -30 °C70 °C   |
| Noise pressure level  | At 50 Hz: 53 dB(A)<br>At 60 Hz: 54 dB(A)  |
| Packaging unit  | 1 pc(s).  |
| Net weight  | 1.8   |
| Customs tariff number   | 84145915  |
| EAN   | 4028177998001   |
| ETIM 9  | EC000320  |
| ETIM 8  | EC000320  |
|   |   |

### Features

ECLASS 8.0

27180716

# Approvals

Approvals

CSA 30 - KC Korea UL + C-UL - FTTA UR + C-UR (recognized)

Explanations

Declaration of conformity