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SK 3241.810 Blue e+ filter fan

State: 6/19/2026 (Source: rittal.com/us-en)

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



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 m³/h



Features

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| Model No. | SK 3241.810 |
| Version | wall-mounted 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 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 EMC filter mat |
| Fan | Diagonal, shaded pole motor |
| Unimpeded air flow (with chopped fiber filter) | At 50 Hz: 225 m ³ /h At 60 Hz: 245 m ³ /h At 50 Hz: 132.4 cfm At 60 Hz: 144.2 cfm |

Features

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|---|---|
| Airflow with corresponding outlet filter including chopped fiber filter | At 50 Hz: 173 m ³ /h At 60 Hz: 187 m ³ /h At 50 Hz: 101.82 cfm At 60 Hz: 110.06 cfm |
| Rated operating voltage | 115 V, 1~, 50 Hz/60 Hz |
| Rated power Pel | At 50 Hz: 43.4 kW At 60 Hz: 52.2 kW |
| Rated current max. | At 50 Hz: 0.54 A At 60 Hz: 0.6 A |
| Dimensions | Width: 255 mm Height: 255 mm Depth: 129 mm Width: 10 " Height: 10 " Depth: 5.08 " |
| Installation depth | 108 mm 4.25 " |
| Mounting cut-out | Width of opening: 224 mm Cut-out height: 224 mm Width of opening: 8.82 " Cut-out height: 8.82 " |
| Protection category IP to IEC 60529 | IP 54 with fleece filter IP 56 with fleece filter and hose-proof hood |
| Protection category NEMA | Type 12 with fleece filter 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 °C...55 °C -22 °F...131 °F |
| Storage temperature range | -30 °C...70 °C -22 °F...158 °F |
| Noise pressure level | At 50 Hz: 53 dB(A) At 60 Hz: 54 dB(A) |

Features

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|-----------------------|---|
| Packaging unit | 1 pc(s). |
| Net weight | 1.8 kg |
| Gross weight | 1.8 kg |
| Customs tariff number | 84145915 |
| ETIM 9 | EC000320 |
| ETIM 8 | EC000320 |
| ECLASS 8.0 | 27180716 |
| Product description | SK Blue e+ filter fan, EMC, 225/245 m ³ /h, 230 V, 1~, 50 Hz/60 Hz, WHD 255 x 255 x 129 mm, RAL 7035 |

Approvals

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