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## SK 3241.710 Blue e+ filter fan

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IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3241.710 - Blue e+ filter fan

Complete fan unit for tool-free mounting on surfaces. Air throughput from 11 - 682.75 cfm, protection category IP 54 as standard.



## Features

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| Model No.                                | SK 3241.710  |
| Version                                  | wall-mounted   |
| Product description                      | Filter fans with diagonal fan technology are more pressure-resistant and produce more constant air performance. The diagonal outflow direction ensures a more uniform heat dissipation from the enclosure.   |
| Benefits                                 | Highest airflow through pleated filter in delivery condition<br>Easy filter change thanks to a new opening mechanism on the louvre grille<br>Faster assembly on the enclosure due to optimized snap hooks<br>Diagonal fan technology ensures more uniform and consistent 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 pleated filter   |
| Fan                                      | Diagonal, shaded pole motor  |
| Unimpeded air flow (with pleated filter) | At 50 Hz: 272 m <sup>3</sup> /h<br>At 60 Hz: 280 m <sup>3</sup> /h   |

# Features

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|---|--|
| Airflow with corresponding outlet filter including pleated filter       | At 50 Hz: 242 m <sup>3</sup> /h<br>At 60 Hz: 246 m <sup>3</sup> /h   |
| Unimpeded air flow (with chopped fiber filter)                          | At 50 Hz: 225 m <sup>3</sup> /h<br>At 60 Hz: 245 m <sup>3</sup> /h   |
| Airflow with corresponding outlet filter including chopped fiber filter | At 50 Hz: 173 m <sup>3</sup> /h<br>At 60 Hz: 187 m <sup>3</sup> /h   |
| Rated operating voltage   | 115 V, 1~, 50 Hz/60 Hz   |
| Rated power Pel   | At 50 Hz: 43.4 W<br>At 60 Hz: 52.2 W   |
| 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 60 529                                    | IP 54 with chopped fiber filter/pleated filter<br>IP 55 with pleated filter and absorber mat<br>IP 56 with chopped fiber filter/pleated filter and hose-proof hood                           |
| Protection category NEMA  | Type 12 with chopped fiber filter/pleated filter<br>Type 3, 3R, 4, 4X with chopped fiber filter/pleated filter and hose-proof hood   |
| Pre-fuse  | Miniature circuit-breaker/fuse: 4 A  |
| Note  | For the 3237.XXX filter fan, the electrical connection is made via 2 individual wires (length approx. 300 mm) on the unit, for all other filter fans, it's made via a spring-loaded terminal |
| Operating temperature range   | -30 °C...55 °C   |
| Storage temperature range   | -30 °C...70 °C   |
| Noise pressure level  | At 50 Hz: 53 dB(A)<br>At 60 Hz: 54 dB(A)   |
| Packaging unit  | 1 pc(s).   |

# Features

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|-----------------------|--|
| Net weight            | 2.18 kg  |
| Gross weight          | 2.384 kg   |
| Customs tariff number | 84145915   |
| ETIM 9                | EC000320   |
| ETIM 8                | EC000320   |
| ECLASS 8.0            | 27180716   |
| Product description   | SK Blue e+ filter fan, 272/280 m <sup>3</sup> /h, 115 V, 1~, 50 Hz/60 Hz, WHD 255 x 255 x 129 mm, RAL 7035 |

# Approvals

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