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## SK 3240.700 Blue e+ filter fan

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3240.700 - Blue e+ filter fan

Complete fan-and-filter units for tool-free installation in surfaces. Air throughput 20 – 1,160 m³/h, protection category IP 54 as standard.



## Features

|                     |   |
|---------------------|---|
| Model No.           | SK 3240.700   |
| Design              | wall-mounted  |
| Product description | Fan-and-filter units with diagonal fan technology have superior pressure stability and ensure a more constant air throughput. The diagonal direction of outflow ensures more even heat dissipation from the enclosure.  |
| Benefits            | <p>Maximum air throughput via pleated filter included in the delivered state</p> <p>Easy filter changes, thanks to a new opening mechanism on the louvred grille</p> <p>Faster installation on the enclosure with optimised detent hooks</p> <p>Diagonal fan technology achieves more even and constant ventilation of the enclosure, thanks to improved pressure stability</p> <p>Tool-free assembly</p> |
| Material            | Plastic   |
| Colour              | RAL 7035  |
| Supply includes     | Complete unit ready to install, including pleated filter  |
| Fan                 | Diagonal, shaded pole motor   |

# Features

|   |  |
|---|--|
| Air throughput, unimpeded airflow (with pleated filter)                   | At 50 Hz: 218 m³/h<br>At 60 Hz: 191 m³/h   |
| Air throughput with matching outlet filter including pleated filter       | At 50 Hz: 191 m³/h<br>At 60 Hz: 161 m³/h   |
| Air throughput, unimpeded airflow (with chopped-fibre filter)             | At 50 Hz: 175 m³/h<br>At 60 Hz: 157 m³/h   |
| Air throughput with matching outlet filter including chopped-fibre filter | At 50 Hz: 130 m³/h<br>At 60 Hz: 112 m³/h   |
| Rated operating voltage   | 230 V, 1~, 50 Hz/60 Hz   |
| Power consumption Pel   | At 50 Hz: 33.1 W<br>At 60 Hz: 37.3 W   |
| Rated current max.  | At 50 Hz: 0.2 A<br>At 60 Hz: 0.21 A  |
| Dimensions  | Width: 255 mm<br>Height: 255 mm<br>Depth: 129 mm   |
| Installation depth  | 108 mm   |
| Mounting cut-out  | Cut-out width: 224 mm<br>Cut-out height: 224 mm  |
| IP protection category to IEC 60 529                                      | IP 54 with chopped-fibre filter/pleated filter<br>IP 55 with pleated filter and absorber mat<br>IP 56 with chopped-fibre filter/pleated filter and hose-proof hood                   |
| Protection category NEMA  | Type 12 with chopped-fibre filter/pleated filter<br>Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose-proof hood   |
| Pre-fuse  | Miniature circuit-breaker/fuse: 2 A  |
| Note  | With the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is used |
| Operating temperature range   | -30 °C...55 °C   |
| Storage temperature range   | -30 °C...70 °C   |

# Features

|                       |  |
|-----------------------|--|
| Noise level           | At 50 Hz: 48 dB(A)<br>At 60 Hz: 45 dB(A) |
| Packs of              | 1 pc(s).                                 |
| Net weight            | 2.2                                      |
| Gross weight          | 2.401                                    |
| Customs tariff number | 84145915                                 |
| EAN                   | 4028177998148                            |
| ETIM 9                | EC000320                                 |
| ETIM 8                | EC000320                                 |
| ECLASS 8.0            | 27180716                                 |

# Approvals

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