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## SK 3238.724 Blue e+ filter fan

State: 2025-09-15 (Source: [rittal.com/ca-en](https://www.rittal.com/ca-en))

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FRIEDHELM LOH GROUP



# SK 3238.724 - 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

|                                                |                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.                                      | SK 3238.724                                                                                                                                                                                                                                                                                                                                                          |
| 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                                            | Axial, DC motor                                                                                                                                                                                                                                                                                                                                                      |
| Unimpeded air flow (with chopped fiber filter) | with DC: 53 m³/h                                                                                                                                                                                                                                                                                                                                                     |

# Features

|                                                                         |                                                                                                                                                                                              |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unimpeded air flow (with pleated filter)                                | with DC: 63 m³/h                                                                                                                                                                             |
| Airflow with corresponding outlet filter including chopped fiber filter | with DC: 40 m³/h                                                                                                                                                                             |
| Airflow with corresponding outlet filter including pleated filter       | with DC: 49 m³/h                                                                                                                                                                             |
| Rated operating voltage                                                 | 24 V (DC)                                                                                                                                                                                    |
| Rated power $P_{el}$                                                    | with DC: 5.7 W                                                                                                                                                                               |
| Rated current max.                                                      | with DC: 0.27 A                                                                                                                                                                              |
| Dimensions                                                              | Width: 148.5 mm<br>Height: 148.5 mm<br>Depth: 82.5 mm                                                                                                                                        |
| Installation depth                                                      | 64 mm                                                                                                                                                                                        |
| Mounting cut-out                                                        | Width of opening: 124 mm<br>Cut-out height: 124 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: 2 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                                             | -15 °C...55 °C                                                                                                                                                                               |
| Storage temperature range                                               | -30 °C...70 °C                                                                                                                                                                               |
| Noise pressure level                                                    | with DC: 52 dB(A)                                                                                                                                                                            |
| Packaging unit                                                          | 1 pc(s).                                                                                                                                                                                     |
| Net weight                                                              | 0.45                                                                                                                                                                                         |
| Gross weight                                                            | 0.607                                                                                                                                                                                        |

# Features

|                       |               |
|-----------------------|---------------|
| Customs tariff number | 84145915      |
| EAN                   | 4028177998223 |
| ETIM 9                | EC000320      |
| ETIM 8                | EC000320      |
| ECLASS 8.0            | 27180716      |

# Approvals

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