

**FF 43 54/230V BK****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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www.weidmueller.com



The filter fans combine a safe and profitable cabinet cooling due to their low energy consumption by maximum air flow. The fluted filter mat of the IP 55 version extends the service life by up to 300% in comparison to conventional filter mats.

**General ordering data**

|            |                            |
|------------|----------------------------|
| Type       | FF 43 54/230V BK           |
| Order No.  | <a href="#">2556830000</a> |
| Version    | Filter fan, IP54, black    |
| GTIN (EAN) | 4050118567458              |
| Qty.       | 1 pc(s).                   |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Width      | 252 mm  | Width (inches)  | 9.921 inch |
| Height     | 252 mm  | Height (inches) | 9.921 inch |
| Depth      | 119 mm  | Depth (inches)  | 4.685 inch |
| Net weight | 1,670 g |                 |            |

## General data

|                                 |                    |                       |  |
|---------------------------------|--------------------|-----------------------|--|
| Colour                          | black              |                       |  |
| Current consumption             | Mains frequency    | 50 Hz                 |  |
|                                 | Current            | 0.32 A                |  |
|                                 | Mains frequency    | 60 Hz                 |  |
|                                 | Current            | 0.26 A                |  |
| EMC version                     | No                 |                       |  |
| Filter class                    | G 4                |                       |  |
| Fuse                            | 6 A                |                       |  |
| Height of installation cut-outs | 223 mm             |                       |  |
| MTBF                            | 40,000 h           |                       |  |
| Mounting depth                  | 113 mm             |                       |  |
| Mounting height                 | 6 mm               |                       |  |
| Noise emission                  | 42 dB (A)          |                       |  |
| Operating temperature range     | -40...55 °C        |                       |  |
| Power                           | Mains frequency    | 50 Hz                 |  |
|                                 | nominal            | 45 W                  |  |
|                                 | Mains frequency    | 60 Hz                 |  |
|                                 | nominal            | 39 W                  |  |
| Protection class (UL)           | Type 12            |                       |  |
| Rated voltage (text)            | 230 V AC $\pm$ 10% |                       |  |
| Size                            | 4                  |                       |  |
| Type of connection              | Spring contact     |                       |  |
| Type of mounting                | Snap-on            |                       |  |
| UL 94 flammability rating       | V-0                |                       |  |
| Volume flow with exhaust filter | Mains frequency    | 50 Hz                 |  |
|                                 | Volume flow        | 201 m <sup>3</sup> /h |  |
|                                 | Exhaust filter     | IP54                  |  |
|                                 | Mains frequency    | 60 Hz                 |  |
|                                 | Volume flow        | 223 m <sup>3</sup> /h |  |
|                                 | Exhaust filter     | IP54                  |  |
| Volume flow, free-blowing       | Mains frequency    | 50 Hz                 |  |
|                                 | Volume flow        | 223 m <sup>3</sup> /h |  |
|                                 | Mains frequency    | 60 Hz                 |  |
|                                 | Volume flow        | 247 m <sup>3</sup> /h |  |
| Width of installation cut-outs  | 223 mm             |                       |  |
| With filter                     | Yes                |                       |  |

## Classifications

|            |             |             |             |
|------------|-------------|-------------|-------------|
| ETIM 6.0   | EC000320    | ETIM 7.0    | EC000320    |
| eClass 9.1 | 27-18-07-16 | eClass 10.0 | 27-18-07-16 |

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

Approval/Certificate/Document of  
Conformity

[EU Declaration of Conformity](#)

Engineering Data

[STEP](#)

User Documentation

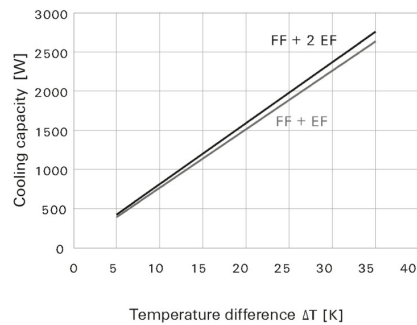
[Installation- and operating instructions](#)

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# Drawings

## Graph



## Graph

