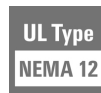


**FF 42 54/230V GY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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**

|            |                            |
|------------|----------------------------|
| Version    | Filter fan, IP54, grey     |
| Order No.  | <a href="#">2556750000</a> |
| Type       | FF 42 54/230V GY           |
| GTIN (EAN) | 4050118567373              |
| Qty.       | 1 pc(s).                   |

## FF 42 54/230V GY

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 103 mm  | Depth (inches)  | 4.055 inch |
| Height     | 252 mm  | Height (inches) | 9.921 inch |
| Width      | 252 mm  | Width (inches)  | 9.921 inch |
| Net weight | 1,180 g |                 |            |

## Temperatures

|                             |             |
|-----------------------------|-------------|
| Operating temperature range | -40...55 °C |
|-----------------------------|-------------|

## General data

|                                    |                    |          |  |
|------------------------------------|--------------------|----------|--|
| Colour                             | grey               |          |  |
| Current consumption                | Mains frequency    | 50 Hz    |  |
|                                    | Current            | 0.12 A   |  |
|                                    | Mains frequency    | 60 Hz    |  |
|                                    | Current            | 0.1 A    |  |
| EMC version                        | No                 |          |  |
| Filter class                       | G 4                |          |  |
| Fuse                               | 6 A                |          |  |
| Height of installation cut-outs    | 223 mm             |          |  |
| MTBF                               | 40,000 h           |          |  |
| Mounting depth                     | 97 mm              |          |  |
| Mounting height                    | 6 mm               |          |  |
| Noise emission                     | 40 dB (A)          |          |  |
| Operating temperature range        | -40...55 °C        |          |  |
| Power                              | Mains frequency    | 50 Hz    |  |
|                                    | nominal            | 18 W     |  |
|                                    | Mains frequency    | 60 Hz    |  |
|                                    | nominal            | 17 W     |  |
| Protection class (UL)              | Type 12            |          |  |
| Rated voltage                      | 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        | 93 m³/h  |  |
|                                    | Exhaust filter     | IP54     |  |
|                                    | Mains frequency    | 60 Hz    |  |
|                                    | Volume flow        | 102 m³/h |  |
| Volume flow, free-blowing          | Exhaust filter     | IP54     |  |
|                                    | Mains frequency    | 50 Hz    |  |
|                                    | Volume flow        | 125 m³/h |  |
|                                    | Mains frequency    | 60 Hz    |  |
|                                    | Volume flow        | 138 m³/h |  |
| Volume flow, free-blowing at 50 Hz | 125 m³/h           |          |  |
| Volume flow, free-blowing at 60 Hz | 138 m³/h           |          |  |
| Width of installation cut-outs     | 223 mm             |          |  |
| With filter                        | Yes                |          |  |
| With protective cover              | Yes                |          |  |

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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000320    | ETIM 7.0    | EC000320    |
| ETIM 8.0    | EC000320    | ECLASS 9.1  | 27-18-07-16 |
| ECLASS 10.0 | 27-18-07-16 | ECLASS 11.0 | 27-18-07-16 |
| ECLASS 12.0 | 27-18-07-16 |             |             |

**Approvals**

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E252704    |

**Downloads**

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EU Declaration of Conformity</a>             |
| User Documentation                          | <a href="#">Installation- and operating instructions</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                 |

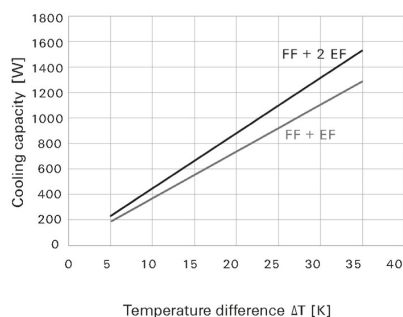
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# Drawings

## Graph



## Graph

