

**FF-EMC 11 54/230V GY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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Fax: +49 5231 14-292083

www.weidmueller.com

**Similar to illustration**

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-EMC 11 54/230V GY       |
| Order No.  | <a href="#">2557250000</a> |
| Version    | Filter fan, IP54, grey     |
| GTIN (EAN) | 4050118567885              |
| Qty.       | 1 pc(s).                   |

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## Technical data

## Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Width      | 109 mm | Width (inches)  | 4.291 inch |
| Height     | 109 mm | Height (inches) | 4.291 inch |
| Depth      | 66 mm  | Depth (inches)  | 2.598 inch |
| Net weight | 563 g  |                 |            |

## General data

|                                 |                                  |                      |  |
|---------------------------------|----------------------------------|----------------------|--|
| Colour                          | grey                             |                      |  |
| Current consumption             | Mains frequency                  | 50 Hz                |  |
|                                 | Current                          | 0.07 A               |  |
|                                 | Mains frequency                  | 60 Hz                |  |
|                                 | Current                          | 0.06 A               |  |
| EMC version                     | EN 61000-3-2,-3, EN 61000-6-2, 3 |                      |  |
| Filter class                    | G 4                              |                      |  |
| Fuse                            | 6 A                              |                      |  |
| Height of installation cut-outs | 93 mm                            |                      |  |
| MTBF                            | 52,500 h                         |                      |  |
| Mounting depth                  | 62 mm                            |                      |  |
| Mounting height                 | 4 mm                             |                      |  |
| Noise emission                  | 33 dB (A)                        |                      |  |
| Operating temperature range     | -40...55 °C                      |                      |  |
| Power                           | Mains frequency                  | 50 Hz                |  |
|                                 | nominal                          | 12 W                 |  |
|                                 | Mains frequency                  | 60 Hz                |  |
|                                 | nominal                          | 11 W                 |  |
| Protection class (UL)           | Type 12                          |                      |  |
| Rated voltage (text)            | 230 V AC $\pm$ 10%               |                      |  |
| Size                            | 1                                |                      |  |
| Type of connection              | Pre-assembled cable              |                      |  |
| Type of mounting                | Snap-on                          |                      |  |
| UL 94 flammability rating       | V-0                              |                      |  |
| Volume flow with exhaust filter | Mains frequency                  | 50 Hz                |  |
|                                 | Volume flow                      | 16 m <sup>3</sup> /h |  |
|                                 | Exhaust filter                   | IP54                 |  |
|                                 | Mains frequency                  | 60 Hz                |  |
|                                 | Volume flow                      | 18 m <sup>3</sup> /h |  |
|                                 | Exhaust filter                   | IP54                 |  |
| Volume flow, free-blowing       | Mains frequency                  | 50 Hz                |  |
|                                 | Volume flow                      | 25 m <sup>3</sup> /h |  |
|                                 | Mains frequency                  | 60 Hz                |  |
|                                 | Volume flow                      | 29 m <sup>3</sup> /h |  |
| Width of installation cut-outs  | 93 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 |

## Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

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## Technical data

### Downloads

|                                                |                                                          |
|------------------------------------------------|----------------------------------------------------------|
| Approval/Certificate/Document of<br>Conformity | <a href="#">EU Declaration of Conformity</a>             |
| Engineering Data                               | <a href="#">STEP</a>                                     |
| User Documentation                             | <a href="#">Installation- and operating instructions</a> |

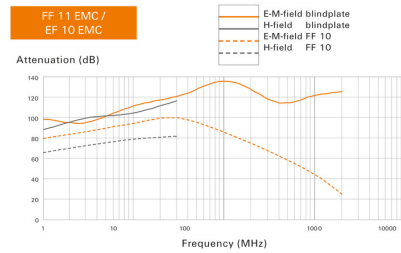
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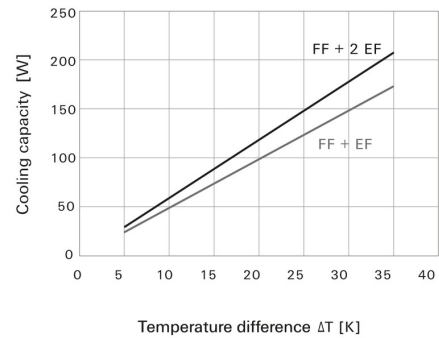
## Drawings

### Graph

**Shielding effectiveness measurements**



### Graph



### Graph

