

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

Klingenbergstraße 26

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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-EMC 42 54/230V GY |
| Order No. | 2557350000 |
| Version | Filter fan, IP54, grey |
| GTIN (EAN) | 4050118567984 |
| 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 | 103 mm | Depth (inches) | 4.055 inch |
| Net weight | 1,260 g | | |

General data

| | | | |
|---------------------------------|------------------------------------|-----------------------|--|
| Colour | grey | | |
| Current consumption | Mains frequency | 50 Hz | |
| | Current | 0.12 A | |
| | Mains frequency | 60 Hz | |
| | Current | 0.1 A | |
| EMC version | EN 6 1000-3-2,-3, EN 6 1000-6-2, 3 | | |
| Filter class | G 4 | | |
| Fuse | 6 A | | |
| Height of installation cut-outs | 224 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 (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 | 116 m ³ /h | |
| | Exhaust filter | IP54 | |
| | Mains frequency | 60 Hz | |
| | Volume flow | 127 m ³ /h | |
| Volume flow, free-blowing | Exhaust filter | IP54 | |
| | Mains frequency | 50 Hz | |
| | Volume flow | 156 m ³ /h | |
| | Mains frequency | 60 Hz | |
| | Volume flow | 171 m ³ /h | |
| Width of installation cut-outs | 224 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 Conformity | EU Declaration of Conformity |
| Engineering Data | STEP |
| User Documentation | Installation- and operating instructions |

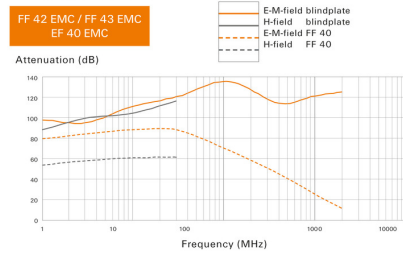
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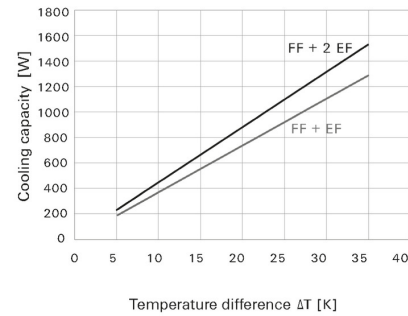
Drawings

Graph

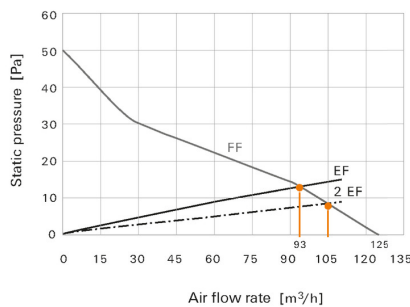
Shielding effectiveness measurements



Graph



Graph



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