

**FF-EMC 65 54/230V GY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

For use near electromagnetic fields. Secure contact surface without the need for a beryllium copper seal and particularly environmentally friendly as no metal reinforced plastics are required.

**General ordering data**

|            |                            |
|------------|----------------------------|
| Version    | Filter fan, IP54, grey     |
| Order No.  | <a href="#">2557430000</a> |
| Type       | FF-EMC 65 54/230V GY       |
| GTIN (EAN) | 4050118568066              |
| Qty.       | 1 pc(s).                   |

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## Technical data

## Dimensions and weights

|                |             |                 |             |
|----------------|-------------|-----------------|-------------|
| Depth          | 157 mm      | Depth (inches)  | 6.181 inch  |
| Height         | 320 mm      | Height (inches) | 12.598 inch |
| Net weight     | 3,280 g     | Width           | 320 mm      |
| Width (inches) | 12.598 inch |                 |             |

## Temperatures

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

## General data

|                                    |                                  |          |  |
|------------------------------------|----------------------------------|----------|--|
| Colour                             | grey                             |          |  |
| Current consumption                | Mains frequency                  | 50 Hz    |  |
|                                    | Current                          | 0.35 A   |  |
|                                    | Mains frequency                  | 60 Hz    |  |
|                                    | Current                          | 0.45 A   |  |
| EMC version                        | EN 61000-3-2,-3, EN 61000-6-2, 3 |          |  |
| Filter class                       | G 3                              |          |  |
| Fuse                               | 6 A                              |          |  |
| Height of installation cut-outs    | 292 mm                           |          |  |
| MTBF                               | 40,000 h                         |          |  |
| Mounting depth                     | 150 mm                           |          |  |
| Mounting height                    | 7 mm                             |          |  |
| Noise emission                     | 54 dB (A)                        |          |  |
| Operating temperature range        | -40...55 °C                      |          |  |
| Power                              | Mains frequency                  | 50 Hz    |  |
|                                    | nominal                          | 80 W     |  |
|                                    | Mains frequency                  | 60 Hz    |  |
|                                    | nominal                          | 100 W    |  |
| Protection class (UL)              | Type 12                          |          |  |
| Rated voltage (text)               | 230 V AC $\pm$ 10%               |          |  |
| Size                               | 6                                |          |  |
| 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                      | 370 m³/h |  |
|                                    | Exhaust filter                   | IP54     |  |
|                                    | Mains frequency                  | 60 Hz    |  |
|                                    | Volume flow                      | 370 m³/h |  |
| Volume flow, free-blowing          | Exhaust filter                   | IP54     |  |
|                                    | Mains frequency                  | 50 Hz    |  |
|                                    | Volume flow                      | 480 m³/h |  |
|                                    | Mains frequency                  | 60 Hz    |  |
|                                    | Volume flow                      | 480 m³/h |  |
| Volume flow, free-blowing at 50 Hz | 480 m³/h                         |          |  |
| Volume flow, free-blowing at 60 Hz | 480 m³/h                         |          |  |
| Width of installation cut-outs     | 292 mm                           |          |  |
| With filter                        | Yes                              |          |  |

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

**Approvals**

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

**Downloads**

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

## FF-EMC 65 54/230V GY

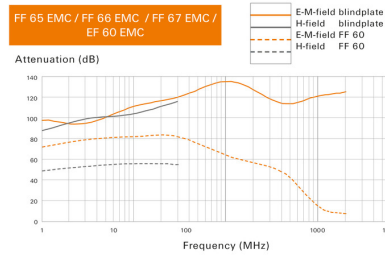
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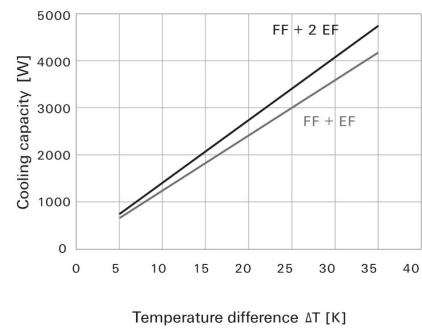
## Drawings

### Graph

#### Shielding effectiveness measurements



### Graph



### Graph

