

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration**

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="#">2557250000</a>
Type	FF-EMC 11 54/230V GY
GTIN (EAN)	4050118567885
Qty.	1 pc(s).
Available until	2023-11-10

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## Technical data

## Dimensions and weights

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

## Temperatures

Operating temperature range	-40...55 °C
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## 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		
Fan type	Shelf		
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 AC voltage	230 V		
Rated voltage	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	
Volume flow, free-blowing at 50 Hz	25 m <sup>3</sup> /h		
Volume flow, free-blowing at 60 Hz	29 m <sup>3</sup> /h		
Width of installation cut-outs	93 mm		
With filter	Yes		

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ETIM 6.0	EC000320	ETIM 7.0	EC000320
ETIM 8.0	EC000320	ETIM 9.0	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
ECLASS 13.0	27-18-07-16		

**Approvals**

ROHS	Conform
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**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EU Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Installation- and operating instructions</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

## FF-EMC 11 54/230V GY

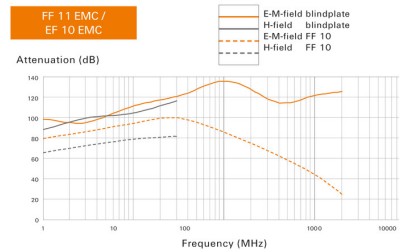
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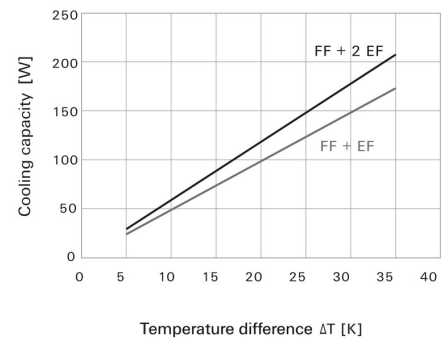
## Drawings

## Graph

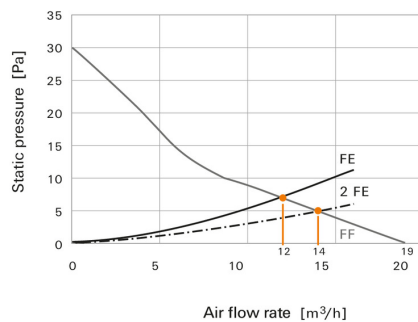
Shielding effectiveness measurements



## Graph



## Graph



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## Accessories

## Filter fan



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-FIMT 11 54	Version
Order No.	<a href="#">2556600000</a>	Filter mat, IP54, white
GTIN (EAN)	4050118567229	
Qty.	5 pc(s).	

## Exhaust filter



The fluted filter mat of the IP 55 version extends the service life by up to 300% in comparison to conventional filter mats. Thought out details as the functional flap cover enable a fast and tool-less change of the filter mats which saves time and money.

## General ordering data

Type	EF-EMC 10 54 BK	Version
Order No.	<a href="#">2557560000</a>	Exhaust filter, IP54, black
GTIN (EAN)	4050118568202	
Qty.	1 pc(s).	
Type	EF-EMC 10 54 GY	Version
Order No.	<a href="#">2557550000</a>	Exhaust filter, IP54, grey
GTIN (EAN)	4050118568196	
Qty.	1 pc(s).	