

**FF-EMC 66 54/230V GY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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="#">2557470000</a>
Type	FF-EMC 66 54/230V GY
GTIN (EAN)	4050118568103
Qty.	1 pc(s).
Available until	2023-11-10

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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
Width	320 mm	Width (inches)	12.598 inch
Net weight	3,280 g		

## Temperatures

Operating temperature range	-40...55 °C
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## General data

Colour	grey		
Current consumption	Mains frequency	50 Hz	
	Current	0.53 A	
	Mains frequency	60 Hz	
	Current	0.72 A	
EMC version	EN 61000-3-2,-3, EN 61000-6-2, 3		
Fan type	Shelf		
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	63 dB(A)		
Operating temperature range	-40...55 °C		
Power	Mains frequency	50 Hz	
	nominal	120 W	
	Mains frequency	60 Hz	
	nominal	160 W	
Protection class (UL)	Type 12		
Rated AC voltage	230 V		
Rated voltage	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	445 m <sup>3</sup> /h	
	Exhaust filter	IP54	
	Mains frequency	60 Hz	
	Volume flow	445 m <sup>3</sup> /h	
Volume flow, free-blowing	Exhaust filter	IP54	
	Mains frequency	50 Hz	
	Volume flow	640 m <sup>3</sup> /h	
	Mains frequency	60 Hz	
Volume flow, free-blowing at 50 Hz	Volume flow	653 m <sup>3</sup> /h	
	Volume flow	653 m <sup>3</sup> /h	
Volume flow, free-blowing at 60 Hz	653 m <sup>3</sup> /h		
Width of installation cut-outs	292 mm		
With filter	Yes		

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Classifications**

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>

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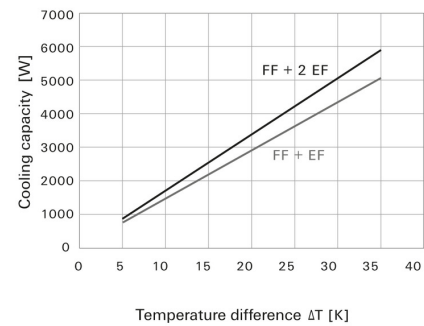
## Drawings

## Graph

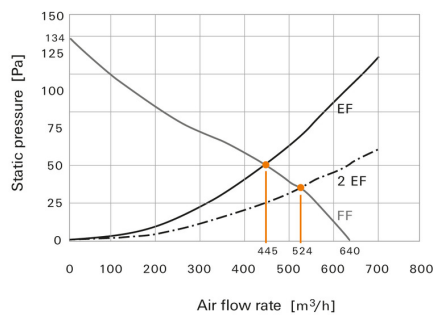
## Shielding effectiveness measurements



## 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 6X 54	Version
Order No.	<a href="#">2567310000</a>	Filter mat, IP54, white
GTIN (EAN)	4050118576955	
Qty.	5 pc(s).	
Type	FF-FIMT 6X 55	Version
Order No.	<a href="#">2557050000</a>	Filter mat, IP55, white
GTIN (EAN)	4050118567687	
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 60 55 GY	Version
Order No.	<a href="#">2557710000</a>	Exhaust filter, IP55, grey
GTIN (EAN)	4050118568356	
Qty.	1 pc(s).	
Type	EF-EMC 60 54 BK	Version
Order No.	<a href="#">2557700000</a>	Exhaust filter, IP54, black
GTIN (EAN)	4050118568349	
Qty.	1 pc(s).	
Type	EF-EMC 60 54 GY	Version
Order No.	<a href="#">2557690000</a>	Exhaust filter, IP54, grey
GTIN (EAN)	4050118568332	
Qty.	1 pc(s).	
Type	EF-EMC 60 55 BK	Version
Order No.	<a href="#">2557720000</a>	Exhaust filter, IP55, black
GTIN (EAN)	4050118568363	
Qty.	1 pc(s).	