

**FF-EMC 22 54/230V BK****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, black
Order No.	<a href="#">2557280000</a>
Type	FF-EMC 22 54/230V BK
GTIN (EAN)	4050118567915
Qty.	1 pc(s).
Available until	2023-11-10

Creation date December 4, 2023 1:45:57 PM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Depth	75 mm	Depth (inches)	2.953 inch
Height	145 mm	Height (inches)	5.709 inch
Width	145 mm	Width (inches)	5.709 inch
Net weight	760 g		

## Temperatures

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

Colour	black		
Current consumption	Mains frequency	50 Hz	
	Current	0.12 A	
	Mains frequency	60 Hz	
	Current	0.18 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	126.5 mm		
MTBF	37,500 h		
Mounting depth	70 mm		
Mounting height	5 mm		
Noise emission	44 dB(A)		
Operating temperature range	-40...55 °C		
Power	Mains frequency	50 Hz	
	nominal	19 W	
	Mains frequency	60 Hz	
	nominal	18 W	
Protection class (UL)	Type 12		
Rated AC voltage	230 V		
Rated voltage	230 V AC $\pm$ 10%		
Size	2		
Type of connection	Terminal strip		
Type of mounting	Snap-on		
UL 94 flammability rating	V-0		
Volume flow with exhaust filter	Mains frequency	50 Hz	
	Volume flow	44 m <sup>3</sup> /h	
	Exhaust filter	IP54	
	Mains frequency	60 Hz	
	Volume flow	52 m <sup>3</sup> /h	
	Exhaust filter	IP54	
Volume flow, free-blowing	Mains frequency	50 Hz	
	Volume flow	61 m <sup>3</sup> /h	
	Mains frequency	60 Hz	
	Volume flow	70 m <sup>3</sup> /h	
Volume flow, free-blowing at 50 Hz	61 m <sup>3</sup> /h		
Volume flow, free-blowing at 60 Hz	70 m <sup>3</sup> /h		
Width of installation cut-outs	126.5 mm		
With filter	Yes		

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### 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	27180716		

### Approvals

ROHS Conform

### Downloads

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

**FF-EMC 22 54/230V BK**

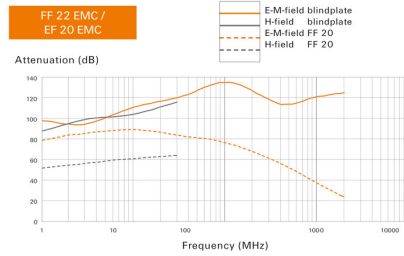
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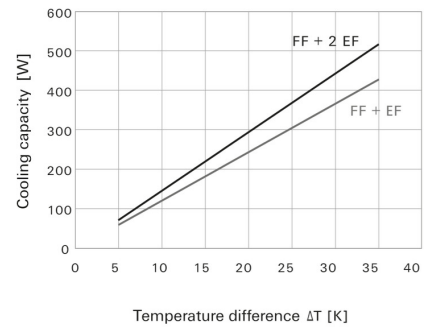
**Drawings**

**Graph**

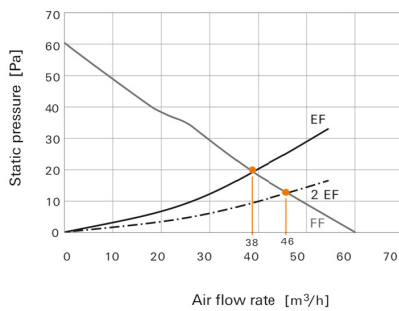
**Shielding effectiveness measurements**



**Graph**



**Graph**



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## Accessories

## 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 20 55 GY	Version
Order No.	<a href="#">2557590000</a>	Exhaust filter, IP55, grey
GTIN (EAN)	4050118568233	
Qty.	1 pc(s).	
Type	EF-EMC 20 54 BK	Version
Order No.	<a href="#">2557580000</a>	Exhaust filter, IP54, black
GTIN (EAN)	4050118568226	
Qty.	1 pc(s).	
Type	EF-EMC 20 54 GY	Version
Order No.	<a href="#">2557570000</a>	Exhaust filter, IP54, grey
GTIN (EAN)	4050118568219	
Qty.	1 pc(s).	
Type	EF-EMC 20 55 BK	Version
Order No.	<a href="#">2557600000</a>	Exhaust filter, IP55, black
GTIN (EAN)	4050118568240	
Qty.	1 pc(s).	

## 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 2X 54	Version
Order No.	<a href="#">2556660000</a>	Filter mat, IP54, white
GTIN (EAN)	4050118567281	
Qty.	5 pc(s).	
Type	FF-FIMT 2X 55	Version
Order No.	<a href="#">2556670000</a>	Filter mat, IP55, white
GTIN (EAN)	4050118567298	
Qty.	5 pc(s).	