

FF-EMC 22 54/230V GY**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, grey
Order No.	2557270000
Type	FF-EMC 22 54/230V GY
GTIN (EAN)	4050118567908
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2025-12-30

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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	grey		
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 ³ /h	
	Exhaust filter	IP54	
	Mains frequency	60 Hz	
	Volume flow	52 m ³ /h	
	Exhaust filter	IP54	
Volume flow, free-blowing	Mains frequency	50 Hz	
	Volume flow	61 m ³ /h	
	Mains frequency	60 Hz	
	Volume flow	70 m ³ /h	
Volume flow, free-blowing at 50 Hz	61 m ³ /h		
Volume flow, free-blowing at 60 Hz	70 m ³ /h		
Width of installation cut-outs	126.5 mm		
With filter	Yes		

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Technical data
Classifications

ETIM 6.0	EC000320	ETIM 7.0	EC000320
ETIM 8.0	EC000320	ETIM 9.0	EC000320
ETIM 10.0	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
ECLASS 14.0	27-18-07-16	ECLASS 15.0	27-18-07-16

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	EU Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Installation- and operating instructions
Catalogues	Catalogues in PDF-format

FF-EMC 22 54/230V GY

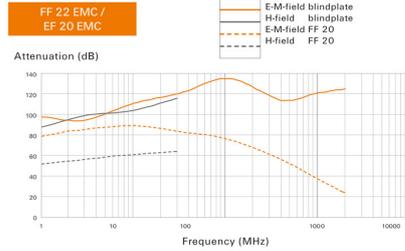
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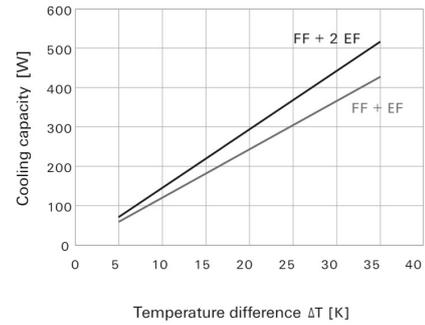
Drawings

Graph

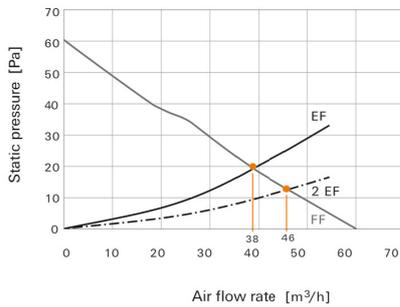
Shielding effectiveness measurements



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 2X 54	Version
Order No.	2556660000	Filter mat, IP54, white
GTIN (EAN)	4050118567281	
Qty.	5 pc(s).	
Type	FF-FIMT 2X 55	Version
Order No.	2556670000	Filter mat, IP55, white
GTIN (EAN)	4050118567298	
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 20 55 BK	Version
Order No.	2557600000	Exhaust filter, IP55, black
GTIN (EAN)	4050118568240	
Qty.	1 pc(s).	
Type	EF-EMC 20 54 BK	Version
Order No.	2557580000	Exhaust filter, IP54, black
GTIN (EAN)	4050118568226	
Qty.	1 pc(s).	
Type	EF-EMC 20 54 GY	Version
Order No.	2557570000	Exhaust filter, IP54, grey
GTIN (EAN)	4050118568219	
Qty.	1 pc(s).	
Type	EF-EMC 20 55 GY	Version
Order No.	2557590000	Exhaust filter, IP55, grey
GTIN (EAN)	4050118568233	
Qty.	1 pc(s).	