

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

Klingenbergstraße 26

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Germany

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www.weidmueller.com



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-EMC 65 54/230V BK
Order No.	2557440000
Version	Filter fan, IP54, black
GTIN (EAN)	4050118568073
Qty.	1 pc(s).

Creation date May 2, 2020 5:15:12 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

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

General data

Colour	black		
Current consumption	Mains frequency	50 Hz	
	Current	0.35 A	
	Mains frequency	60 Hz	
	Current	0.45 A	
EMC version	EN 6 1000-3-2,-3, EN 6 1000-6-2, 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 m ³ /h	
	Exhaust filter	IP54	
	Mains frequency	60 Hz	
	Volume flow	370 m ³ /h	
Volume flow, free-blowing	Mains frequency	50 Hz	
	Volume flow	480 m ³ /h	
	Mains frequency	60 Hz	
	Volume flow	480 m ³ /h	
	Width of installation cut-outs	292 mm	
With filter	Yes		

Classifications

ETIM 6.0	EC000320	ETIM 7.0	EC000320
eClass 9.1	27-18-07-16	eClass 10.0	27-18-07-16

Approvals

ROHS	Conform
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Technical data**Downloads**

Approval/Certificate/Document of Conformity	EU Declaration of Conformity
Engineering Data	STEP
User Documentation	Installation- and operating instructions

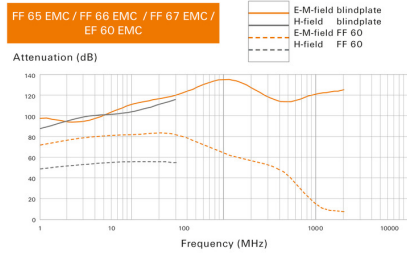
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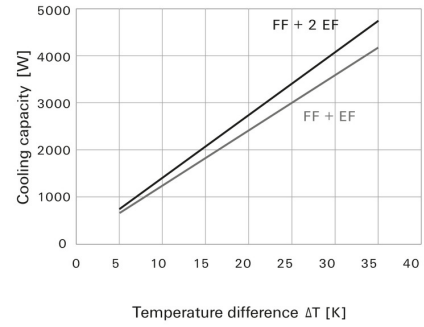
Drawings

Graph

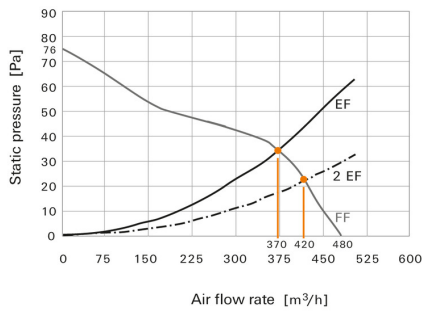
Shielding effectiveness measurements



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