

FF 42 54/230V BK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

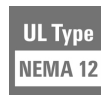
D-32758 Detmold

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 42 54/230V BK
Order No.	2556760000
Version	Filter fan, IP54, black
GTIN (EAN)	4050118567380
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	252 mm	Width (inches)	9.921 inch
Height	252 mm	Height (inches)	9.921 inch
Depth	103 mm	Depth (inches)	4.055 inch
Net weight	1,180 g		

General data

Colour	black		
Current consumption	Mains frequency	50 Hz	
	Current	0.12 A	
	Mains frequency	60 Hz	
	Current	0.1 A	
EMC version	No		
Filter class	G 4		
Fuse	6 A		
Height of installation cut-outs	223 mm		
MTBF	40,000 h		
Mounting depth	97 mm		
Mounting height	6 mm		
Noise emission	40 dB (A)		
Operating temperature range	-40...55 °C		
Power	Mains frequency	50 Hz	
	nominal	18 W	
	Mains frequency	60 Hz	
	nominal	17 W	
Protection class (UL)	Type 12		
Rated voltage (text)	230 V AC $\pm$ 10%		
Size	4		
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	93 m ³ /h	
	Exhaust filter	IP54	
	Mains frequency	60 Hz	
	Volume flow	102 m ³ /h	
	Exhaust filter	IP54	
Volume flow, free-blowing	Mains frequency	50 Hz	
	Volume flow	125 m ³ /h	
	Mains frequency	60 Hz	
	Volume flow	138 m ³ /h	
Width of installation cut-outs	223 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

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of
Conformity

[EU Declaration of Conformity](#)

Engineering Data

[STEP](#)

User Documentation

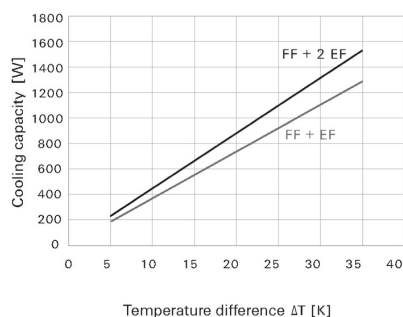
[Installation- and operating instructions](#)

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Drawings

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