

**FF 42 55/230V BK****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

**Similar to illustration**

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 55/230V BK
Order No.	<a href="#">2556780000</a>
Version	Filter fan, IP55, black
GTIN (EAN)	4050118567403
Qty.	1 pc(s).

## FF 42 55/230V BK

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

## 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		
UV-resistant	Yes		
Volume flow with exhaust filter	Mains frequency	50 Hz	
	Volume flow	109 m <sup>3</sup> /h	
	Exhaust filter	IP55	
	Mains frequency	60 Hz	
	Volume flow	113 m <sup>3</sup> /h	
Volume flow, free-blowing	Exhaust filter	IP55	
	Mains frequency	50 Hz	
	Volume flow	145 m <sup>3</sup> /h	
	Mains frequency	60 Hz	
Volume flow	160 m <sup>3</sup> /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

**Data sheet****FF 42 55/230V BK****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS

Conform

**Downloads**Approval/Certificate/Document of  
Conformity[EU Declaration of Conformity](#)

Engineering Data

[STEP](#)

User Documentation

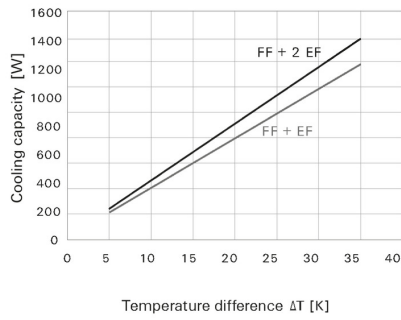
[Installation- and operating instructions](#)

**FF 42 55/230V BK**

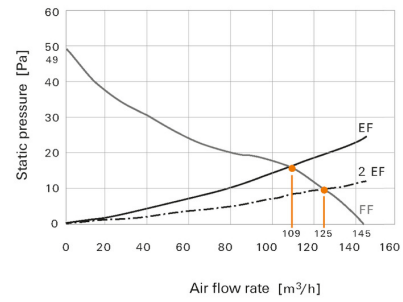
**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Drawings**

**Graph**



**Graph**



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [AC Fans](#) category:*

*Click to view products by [Weidmuller](#) manufacturer:*

Other Similar products are found below :

[8850A](#) [A2D200-AA04-41](#) [A2E165-AA17-01](#) [AC430019H-012](#) [144LS-2282-010](#) [1500-FAN-01](#) [25.350.5253.0](#) [S2E250-AL06-70](#) [A2D210-AB10-05](#) [A2D240-AA02-02](#) [23241-3](#) [25.345.5353.0](#) [281DY-1LP14-000B](#) [344DY-1LP11-000](#) [39.703.0253.0](#) [USTF1203224VHW](#)  
[3915100996-SA3](#) [3G2C7MC224](#) [W2D200-HH04-07](#) [W2S130-AA03-43](#) [S2E250-BB13-22](#) [8856N](#) [A2E170-AF23-11](#) [W4S250-CA20-56](#)  
[W2S130-AB03-09](#) [5900](#) [C45-A7](#) [TAC12025230MT](#) [8550A](#) [8560N](#) [AD0405HB-G73\(9T\)](#) [CENT-2000-FFTM](#) [CENT-2000-RFTM](#) [W2D200-CA04-52](#) [W2S130-AB25-10](#) [A4E330-AB18-09](#) [W2E250-DB05-52](#) [W4E315-CS22-70](#) [W2E300-CP02-75](#) [S4S250-BA02-20](#) [S2D300-BP02-37](#) [W2S130-AB25-24](#) [W2D250-GA08-08](#) [A2E200-AH38-70](#) [TAC8025115HW](#) [F1238H24BT-FHR](#) [S2D300-CP02-34](#) [4118N/2H8PU-011](#)  
[RLF100-1114-060](#) [AD3512MB-G5B](#)