

FF-EMC 42 55/230V GY**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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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-EMC 42 55/230V GY
Order No.	2557370000
Version	Filter fan, IP55, grey
GTIN (EAN)	4050118568004
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	1,260 g		

General data

Colour	grey		
Current consumption	Mains frequency	50 Hz	
	Current	0.12 A	
	Mains frequency	60 Hz	
	Current	0.1 A	
EMC version	EN 61000-3-2,-3, EN 61000-6-2, 3		
Filter class	G 4		
Fuse	6 A		
Height of installation cut-outs	224 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 m³/h	
	Exhaust filter	IP55	
	Mains frequency	60 Hz	
	Volume flow	113 m³/h	
Volume flow, free-blowing	Exhaust filter	IP55	
	Mains frequency	50 Hz	
	Volume flow	145 m³/h	
	Mains frequency	60 Hz	
	Volume flow	160 m³/h	
Width of installation cut-outs	224 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](#)

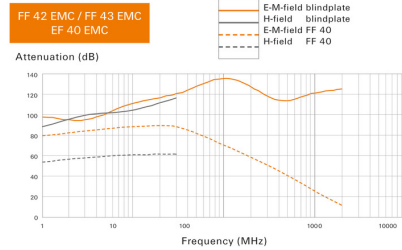
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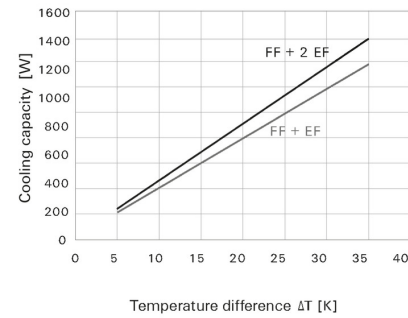
Drawings

Graph

Shielding effectiveness measurements



Graph



Graph

