

FF 42 54/230V BK

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

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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

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

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Technische Daten

Dimensions and weights

Depth	103 mm	Depth (inches)	4.055 inch
Height	252 mm	Height (inches)	9.921 inch
Width	252 mm	Width (inches)	9.921 inch
Net weight	1,072 g		

Temperatures

Operating temperature range	-40...55 °C
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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		
Fan type	Roof fan		
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 AC voltage	230 V		
Rated voltage	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	
Volume flow, free-blowing at 50 Hz	125 m ³ /h		
Volume flow, free-blowing at 60 Hz	138 m ³ /h		
Width of installation cut-outs	223 mm		
With filter	Yes		
With protective cover	Yes		

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Classifications

ETIM 6.0	EC000320	ETIM 7.0	EC000320
ETIM 8.0	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		

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E252704

Downloads

Approval/Certificate/Document of Conformity	EU Declaration of Conformity
User Documentation	Installation- and operating instructions
Catalogues	Catalogues in PDF-format

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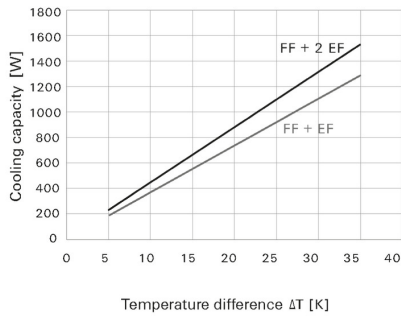
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Zeichnungen

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