

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration

For use near electromagnetic fields. Secure contact surface without the need for a beryllium copper seal and particularly environmentally friendly as no metal reinforced plastics are required.

General ordering data

Version	Filter fan, IP55, black
Order No.	2557380000
Type	FF-EMC 42 55/230V BK
GTIN (EAN)	4050118568011
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	103 mm	Depth (inches)	4.055 inch
Height	252 mm	Height (inches)	9.921 inch
Net weight	1,260 g	Width	252 mm
Width (inches)	9.921 inch		

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	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 m ³ /h	
	Exhaust filter	IP55	
	Mains frequency	60 Hz	
	Volume flow	113 m ³ /h	
	Exhaust filter	IP55	
Volume flow, free-blowing	Mains frequency	50 Hz	
	Volume flow	145 m ³ /h	
	Mains frequency	60 Hz	
	Volume flow	160 m ³ /h	
Volume flow, free-blowing at 50 Hz	145 m ³ /h		
Volume flow, free-blowing at 60 Hz	160 m ³ /h		
Width of installation cut-outs	224 mm		
With filter	Yes		

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Classifications

ETIM 6.0	EC000320	ETIM 7.0	EC000320
ECLASS 9.1	27-18-07-16	ECLASS 10.0	27-18-07-16
ECLASS 11.0	27-18-07-16		

Approvals

ROHS	Conform
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Downloads

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

FF-EMC 42 55/230V BK

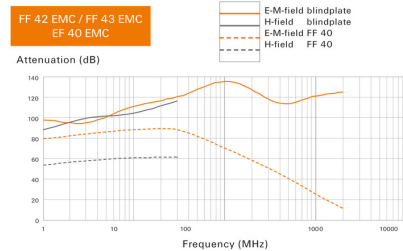
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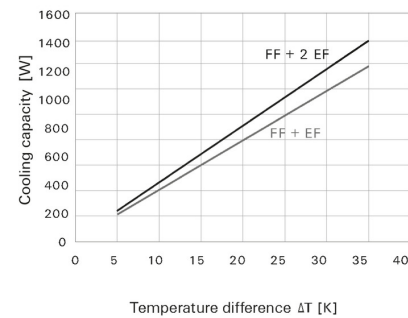
Drawings

Graph

Shielding effectiveness measurements



Graph



Graph

