

FF-EMC 43 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.	2557420000
Type	FF-EMC 43 55/230V BK
GTIN (EAN)	4050118568059
Qty.	1 Stück

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Technische Daten

Dimensions and weights

Depth	119 mm	Depth (inches)	4.685 inch
Height	252 mm	Height (inches)	9.921 inch
Width	252 mm	Width (inches)	9.921 inch
Net weight	1,670 g		

Temperatures

Operating temperature range	-40...55 °C
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General data

Colour	black		
Current consumption	Mains frequency	50 Hz	
	Current	0.32 A	
	Mains frequency	60 Hz	
	Current	0.26 A	
EMC version	EN 61000-3-2,-3, EN 61000-6-2, 3		
Fan type	Shelf		
Filter class	G 4		
Fuse	6 A		
Height of installation cut-outs	224 mm		
MTBF	40,000 h		
Mounting depth	113 mm		
Mounting height	6 mm		
Noise emission	42 dB(A)		
Operating temperature range	-40...55 °C		
Power	Mains frequency	50 Hz	
	nominal	45 W	
	Mains frequency	60 Hz	
	nominal	39 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		
UV-resistant	Yes		
Volume flow with exhaust filter	Mains frequency	50 Hz	
	Volume flow	180 m ³ /h	
	Exhaust filter	IP55	
	Mains frequency	60 Hz	
	Volume flow	207 m ³ /h	
	Exhaust filter	IP55	
Volume flow, free-blowing	Mains frequency	50 Hz	
	Volume flow	233 m ³ /h	
	Mains frequency	60 Hz	
	Volume flow	265 m ³ /h	
Volume flow, free-blowing at 50 Hz	233 m ³ /h		
Volume flow, free-blowing at 60 Hz	265 m ³ /h		
Width of installation cut-outs	224 mm		
With filter	Yes		

Erstellungs-Datum June 1, 2023 9:24:45 AM CEST

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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

ROHS Conform

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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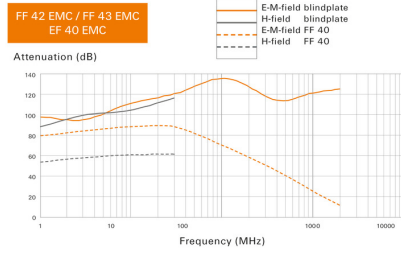
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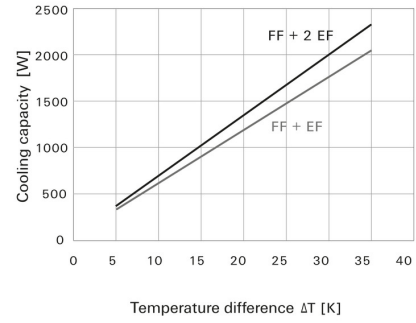
Zeichnungen

Graph

Shielding effectiveness measurements



Graph



Graph

