

**FF-EMC 42 54/230V GY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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, IP54, grey
Order No.	<a href="#">2557350000</a>
Type	FF-EMC 42 54/230V GY
GTIN (EAN)	4050118567984
Qty.	1 pc(s).

Creation date March 29, 2021 7:27:00 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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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	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 ± 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	116 m³/h	
	Exhaust filter	IP54	
	Mains frequency	60 Hz	
	Volume flow	127 m³/h	
Volume flow, free-blowing	Exhaust filter	IP54	
	Mains frequency	50 Hz	
	Volume flow	156 m³/h	
	Mains frequency	60 Hz	
	Volume flow	171 m³/h	
Volume flow, free-blowing at 50 Hz	156 m³/h		
Volume flow, free-blowing at 60 Hz	171 m³/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	<a href="#">EU Declaration of Conformity</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Installation- and operating instructions</a>

**FF-EMC 42 54/230V GY**

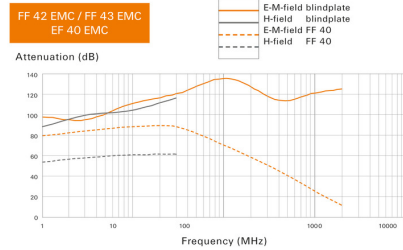
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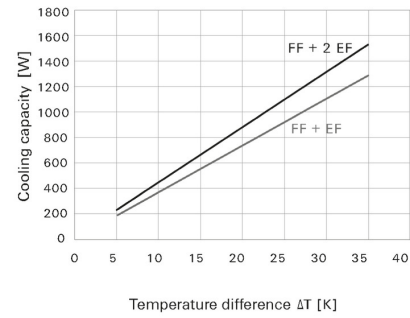
**Drawings**

**Graph**

**Shielding effectiveness measurements**



**Graph**



**Graph**

