

FF-EMC 32 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.	2557340000
Type	FF-EMC 32 55/230V BK
GTIN (EAN)	4050118567977
Qty.	1 pc(s).
Available until	2023-11-10

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Technical data

Dimensions and weights

Depth	93 mm	Depth (inches)	3.661 inch
Height	202 mm	Height (inches)	7.953 inch
Width	202 mm	Width (inches)	7.953 inch
Net weight	940 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	0.18 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	178 mm		
MTBF	37,500 h		
Mounting depth	87 mm		
Mounting height	6 mm		
Noise emission	40 dB(A)		
Operating temperature range	-40...55 °C		
Power	Mains frequency	50 Hz	
	nominal	19 W	
	Mains frequency	60 Hz	
	nominal	18 W	
Protection class (UL)	Type 12		
Rated AC voltage	230 V		
Rated voltage	230 V AC \pm 10%		
Size	3		
Type of connection	Terminal strip		
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	55 m³/h	
	Exhaust filter	IP55	
	Mains frequency	60 Hz	
	Volume flow	64 m³/h	
	Exhaust filter	IP55	
Volume flow, free-blowing	Mains frequency	50 Hz	
	Volume flow	100 m³/h	
	Mains frequency	60 Hz	
	Volume flow	110 m³/h	
Volume flow, free-blowing at 50 Hz	100 m³/h		
Volume flow, free-blowing at 60 Hz	110 m³/h		
Width of installation cut-outs	178 mm		
With filter	Yes		

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ETIM 6.0	EC000320	ETIM 7.0	EC000320
ETIM 8.0	EC000320	ETIM 9.0	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
ECLASS 13.0	27-18-07-16		

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

Approvals

ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	EU Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Installation- and operating instructions
Catalogues	Catalogues in PDF-format

FF-EMC 32 55/230V BK

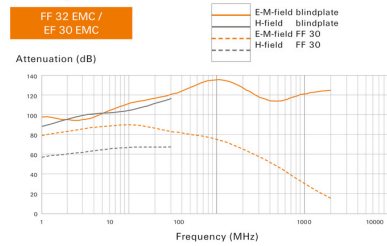
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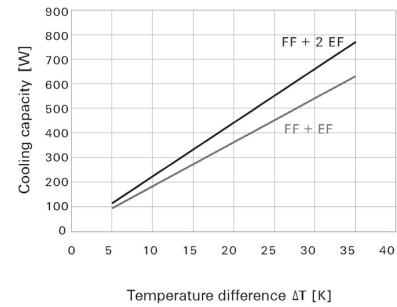
Drawings

Graph

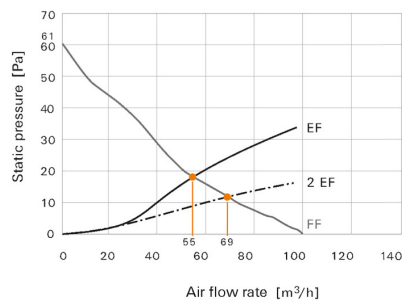
Shielding effectiveness measurements



Graph



Graph



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Accessories

Filter fan



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-FIMT 3X 54	Version
Order No.	2556720000	Filter mat, IP54, white
GTIN (EAN)	4050118567342	
Qty.	5 pc(s).	
Type	FF-FIMT 3X 55	Version
Order No.	2556730000	Filter mat, IP55, white
GTIN (EAN)	4050118567359	
Qty.	5 pc(s).	

Exhaust filter



The fluted filter mat of the IP 55 version extends the service life by up to 300% in comparison to conventional filter mats. Thought out details as the functional flap cover enable a fast and tool-less change of the filter mats which saves time and money.

General ordering data

Type	EF-EMC 30 54 GY	Version
Order No.	2557610000	Exhaust filter, IP54, grey
GTIN (EAN)	4050118568257	
Qty.	1 pc(s).	
Type	EF-EMC 30 55 GY	Version
Order No.	2557630000	Exhaust filter, IP55, grey
GTIN (EAN)	4050118568271	
Qty.	1 pc(s).	
Type	EF-EMC 30 54 BK	Version
Order No.	2557620000	Exhaust filter, IP54, black
GTIN (EAN)	4050118568264	
Qty.	1 pc(s).	
Type	EF-EMC 30 55 BK	Version
Order No.	2557640000	Exhaust filter, IP55, black
GTIN (EAN)	4050118568288	
Qty.	1 pc(s).	