FF-EMC 66 54/230V BK

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, IP54, black
Order No.	2557480000
Type	FF-EMC 66 54/230V BK
GTIN (EAN)	4050118568127
Qty.	1 pc(s).
Delivery status	Discontinued
Available until	2023-11-10

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FF-EMC 66 54/230V BK

Technical data

Dimensions and weights

Depth	157 mm	Depth (inches)	6.181 inch
Height	320 mm	Height (inches)	12.598 inch
Width	320 mm	Width (inches)	12.598 inch
Net weight	3,280 g		

Temperatures

Operating temperature range	-40...55 °C

General data

Colour	black	
Current consumption	Mains frequency	50 Hz
	Current	0.53 A
	Mains frequency	60 Hz
	Current	0.72 A
EMC version	EN 61000-3-2,-3, EN 61000-6-2, 3	
Fan type	Shelf	
Filter class	G 3	
Fuse	6 A	
Height of installation cut-outs	292 mm	
MTBF	40,000 h	
Mounting depth	150 mm	
Mounting height	7 mm	
Noise emission	63 dB(A)	
Operating temperature range	-40...55 °C	
Power	Mains frequency	50 Hz
	nominal	120 W
	Mains frequency	60 Hz
	nominal	160 W
Protection class (UL)	Type 12	
Rated AC voltage	230 V	
Rated voltage	230 V AC ± 10%	
Size	6	
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	445 m³/h
	Exhaust filter	IP54
	Mains frequency	60 Hz
	Volume flow	445 m³/h
	Exhaust filter	IP54
Volume flow, free-blowing	Mains frequency	50 Hz
	Volume flow	640 m³/h
	Mains frequency	60 Hz
	Volume flow	653 m³/h
Volume flow, free-blowing at 50 Hz	640 m³/h	
Volume flow, free-blowing at 60 Hz	653 m³/h	
Width of installation cut-outs	292 mm	
With filter	Yes	

FF-EMC 66 54/230V BK

Technical data

Classifications

ETIM 6.0	EC000320	ETIM 7.0	EC000320
ETIM 8.0	EC000320	ETIM 9.0	EC000320
ETIM 10.0	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
ECLASS 14.0	27-18-07-16	ECLASS 15.0	27-18-07-16

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

ROHS	Conform

Downloads

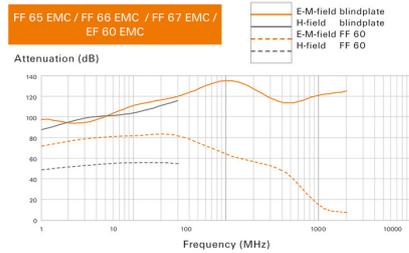|	
Approval/Certificate/Document of Conformity	EU Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Installation- and operating instructions
Catalogues	Catalogues in PDF-format

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FF-EMC 66 54/230V BK

Drawings

Graph

Shielding effectiveness measurements
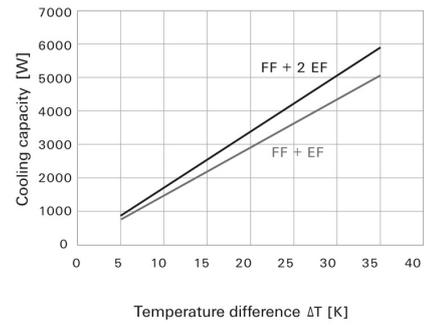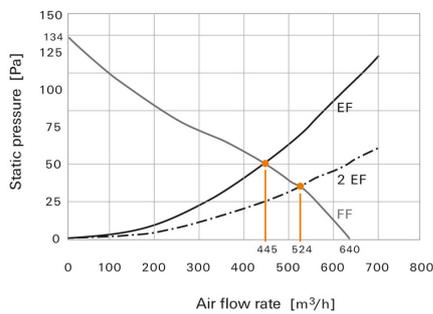
FF 65 EMC / FF 66 EMC / FF 67 EMC / EF 60 EMC	E-M-field blindplate
	H-field blindplate
	E-M-field FF 60
	H-field FF 60

Attenuation (dB)

Frequency (MHz)

Graph

Cooling capacity [W]

FF + 2 EF

FF + EF

Temperature difference ΔT [K]

Graph

Static pressure [Pa]

EF

2 EF

FF

445 524 640

Air flow rate [m³/h]

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Catalogue status 07.06.2025 / We reserve the right to make technical changes.

FF-EMC 66 54/230V BK

Accessories

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 60 54 BK	Version
Order No.	2557700000	Exhaust filter, IP54, black
GTIN (EAN)	4050118568349	
Qty.	1 pc(s).	
Type	EF-EMC 60 55 BK	Version
Order No.	2557720000	Exhaust filter, IP55, black
GTIN (EAN)	4050118568363	
Qty.	1 pc(s).	
Type	EF-EMC 60 54 GY	Version
Order No.	2557690000	Exhaust filter, IP54, grey
GTIN (EAN)	4050118568332	
Qty.	1 pc(s).	
Type	EF-EMC 60 55 GY	Version
Order No.	2557710000	Exhaust filter, IP55, grey
GTIN (EAN)	4050118568356	
Qty.	1 pc(s).	

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 6X 54	Version
Order No.	2567310000	Filter mat, IP54, white
GTIN (EAN)	4050118576955	
Qty.	5 pc(s).	
Type	FF-FIMT 6X 55	Version
Order No.	2557050000	Filter mat, IP55, white
GTIN (EAN)	4050118567687	
Qty.	5 pc(s).	

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