Weidmüller ⋝Ξ

EF-EMC 10 54 BK

Similar to illustration

EMC | UL Type NEMA 12 | c ⓊL us | Made in Germany | RoHS COMPLIANT

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

Version	Exhaust filter, IP54, black
Order No.	2557560000
Type	EF-EMC 10 54 BK
GTIN (EAN)	4050118568202
Qty.	1 pc(s).
Delivery status	Discontinued
Available until	2023-11-10

Creation date June 14, 2025 6:05:04 PM CEST

EF-EMC 10 54 BK

Technical data

Dimensions and weights

Depth	23 mm	Depth (inches)	0.906 inch
Height	109 mm	Height (inches)	4.291 inch
Width	109 mm	Width (inches)	4.291 inch
Net weight	108 g		

Temperatures

Operating temperature range	-40...55 °C

General data

Colour	black	EMC version	EN 61000-3-2,-3, EN 61000-6-2, 3
Filter class	G 4	Height of installation cut-outs	93 mm
Material	Thermoplastic	Mounting depth	19 mm
Mounting height	4 mm	Operating temperature range	-40...55 °C
Protection class (UL)	Type 12	Type of mounting	Snap-on
UL 94 flammability rating	V-0	Width of installation cut-outs	93 mm
With filter	Yes		

Classifications

ETIM 6.0	EC002513	ETIM 7.0	EC002513
ETIM 8.0	EC002513	ETIM 9.0	EC002513
ETIM 10.0	EC002513	ECLASS 9.1	27-18-07-06
ECLASS 10.0	27-18-07-06	ECLASS 11.0	27-18-07-06
ECLASS 12.0	27-18-07-06	ECLASS 13.0	27-18-07-06
ECLASS 14.0	27-18-07-06	ECLASS 15.0	27-18-07-06

Environmental Product Compliance

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

Approvals

ROHS	Conform

Downloads

User Documentation	[Installation- and operating instructions](#)
Catalogues	[Catalogues in PDF-format](#)

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

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EF-EMC 10 54 BK

Drawings

Graph

Shielding effectiveness measurements
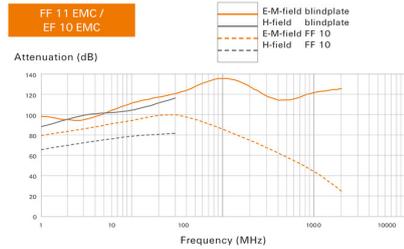
FF 11 EMC /
EF 10 EMC

E-M-field blindplate
H-field   blindplate
E-M-field FF 10
H-field   FF 10

Attenuation (dB)

Frequency (MHz)

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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 11 54	Version	
Order No.	2556600000	Filter mat, IP54, white	
GTIN (EAN)	4050118567229		
Qty.	5 pc(s).		

Creation date June 14, 2025 6:05:04 PM CEST

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