

MEF EMC-FILTER 3-PHASE 1-STAGE

I:50A U:3x600 VAC book-style

Current: 50 A 1-stage

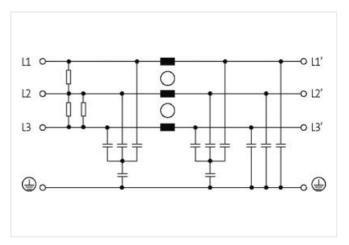
Attenuation curves on request.

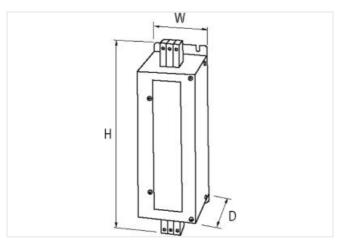
The MEF 3/1-3/2 3-phase and 1-/2-stage mains suppression filters are used in the 0.1...30 MHz range to suppress conducted interference on mains and supply lines. They are suitable for TN-C networks. The best filter effect is achieved with short connecting lines (recommendation: PE connection < 10 cm) with the largest possible cross sections. Line suppression filters act bidirectionally (in both directions). They reduce symmetrical and asymmetrical interference, which often occurs with frequency converters and switched-mode power supplies.

Link to Product

Illustration







Product may differ from Image







Commercial data	
ECLASS-6.0	27130806
ECLASS-6.1	27420201



stay connected

ECLASS-7.0	27420290
ECLASS-7.0	27420290
ECLASS-9.0	27420290
ECLASS-9.0 ECLASS-10.1	27420208
ECLASS-10.1	
ECLASS-11.1	27420208
	27420208
ETIM-5.0	EC002498
customs tariff number GTIN	85363030 4048879029216
Packaging unit	1
Electrical data	
Leakage current max.	10 mA @ 250 V AC, 50 Hz
Electrical data Supply	
Power frequency	50 60 Hz
Operating voltage AC max.	600 V
Electrical data Input	
Phase number input	3
Electrical data Output	
Overload current	18× (IN t) max. 0.5 ms; 1.5× (IN t) max. 1 min. (1× per hour)
Installation	
Connection cross-section solid min.	0,5 mm ²
Connection cross-section solid max.	16 mm ²
Connection cross-section stranded/fine-	
stranded min. Connection cross-section stranded/fine-	0,5 mm ²
stranded max.	10 mm ²
AWG number solid min.	20
AWG number solid max.	5
AWG number stranded/fine stranded min.	20
AWG number stranded/fine stranded max.	7
Device protection Electrical	
Duration insulation test voltage	2 s
Insulation test voltage L-L	3,1 kV
Insulation test voltage L-N	3,3 kV
Mechanical data Mounting data	
Mounting method	screwed
Height	250 mm
Width	90 mm
Depth	100 mm
Environmental characteristics Climatic	100 11111
•	05/005/04
Climatic category (EN IEC 60068-1)	25/085/21
Connection type 2	
Connection	Screw terminals SK
Family construction form	terminal
Gender	female
Color contact carrier	gray
No. of poles	3
PIN 1	L1
PIN 2	L2
PIN 3	L3
Connection	Screw terminals SK

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-02



Family construction form	terminal	
Gender	female	
Color contact carrier	gray	
No. of poles	3	
PIN 1	L1'	
PIN 2	L 2'	
PIN 3	L 3'	