

MEF EMC-FILTER 3-PHASE 1-STAGE WITH NEUTRAL

I:36A U:4x500 VAC

Current: 36 A with neutral

with increased damping

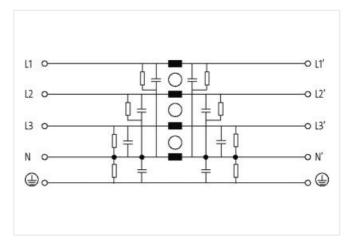
Attenuation curves on request.

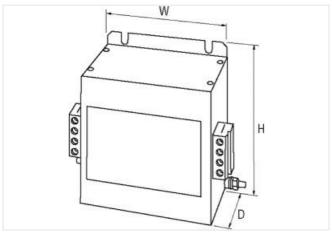
The 3-phase and 1-stage MEF 3/1 line suppression filters are used in the range 0.1...30 MHz to suppress conducted interference on mains and supply lines. They are suitable for TN-S, TN-C-S and TT networks. The best filter effect is achieved with short connecting lines (recommendation: PE connection 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

Link to Product

Illustration







Product may differ from Image



Commercial data

ECLASS-6.0 27130806



stay connected

ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number	27420201 27420290 27420290 27420290 27420208 27420208 27420208 EC002498 85363030 4048879029087
ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number GTIN	27420290 27420290 27420208 27420208 27420208 EC002498 85363030
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GTIN	
	4048879029087
	1
Electrical data	
	15 mA @ 250 V AC, 50 Hz
Electrical data Supply	10 111/1 @ 200 4 710, 00 112
	50 60 Hz
	500 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.	0,2 mm ²
Connection cross-section solid max.	10 mm²
Connection cross-section stranded/fine-stranded min.	0,2 mm²
Connection cross-section stranded/fine-stranded max.	6 mm ²
AWG number solid min.	24
AWG number solid max.	7
AWG number stranded/fine stranded min.	24
AWG number stranded/fine stranded max.	9
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
	153 mm
	130 mm
	100 mm
Environmental characteristics Climatic	
Climatic category (EN IEC 60068-1)	25/085/21
Connection type 2	
Connection	Screw terminals SK
Family construction form	terminal
	female
Color contact carrier	gray
	4
PIN 1	L1
	L 2
PIN 3	L 3

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: 2024-04-26



PIN 4	N
Connection	Screw terminals SK
Family construction form	terminal
Gender	female
Color contact carrier	gray
No. of poles	4
PIN 1	L1'
PIN 2	L 2'
PIN 3	L 3'
PIN 4	N'