

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

I:10A U:4x440 VAC snap on

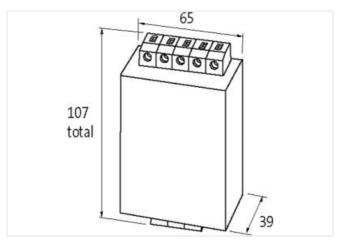
Current: 10 A DIN-rail mountable with neutral Attenuation curves on request. The 3-phase and 1-stage MEE

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



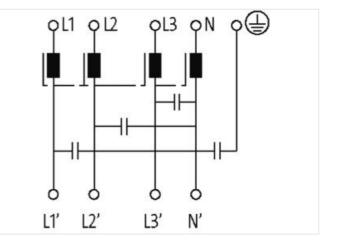
ECLASS-6.0

27130806

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: 2024-04-20

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com





ECLASS-6.1	27420201	
ECLASS-7.0	27420290	
ECLASS-8.0	27420290	
ECLASS-9.0	27420290	
ECLASS-10.1	27420208	
ECLASS-11.1	27420208	
ECLASS-12.0	27420208	
ETIM-5.0	EC002498	
customs tariff number	85363010	
GTIN	4048879029278	
Packaging unit	1	
Electrical data		
Leakage current max.	3 mA @ 250 V AC, 50 Hz	
Electrical data   Supply		
Power frequency	50 60 Hz	
Operating voltage AC max.	440 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 <sup>2</sup>	
Connection cross-section solid max.	6 mm <sup>2</sup>	
Connection cross-section stranded/fine- stranded min.	0,2 mm <sup>2</sup>	
Connection cross-section stranded/fine- stranded max.	4 mm <sup>2</sup>	
AWG number solid min.	24	
AWG number solid max.	9	
AWG number stranded/fine stranded min.	24	
AWG number stranded/fine stranded max.	11	
Device protection   Electrical		
Duration insulation test voltage	2 s	
Insulation test voltage L-L	2,1 kV	
Insulation test voltage L-N	2,7 kV	
Mechanical data   Mounting data		
Mounting method	geschnappt	
Suitable for mounting type	Mounting rail TH35, (EN 60715)	
Height	107 mm	
Width	56 mm	
Depth	39 mm	
Environmental characteristics   Climatic		
Climatic category (EN IEC 60068-1)	25/085/21	
Connection type 3		
Connection	Screw terminals SK	
Family construction form	terminal	
Gender	female	
Color contact carrier	green-yellow	
No. of poles	1	
PIN 1	PE	
Connection	Screw terminals SK	

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

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