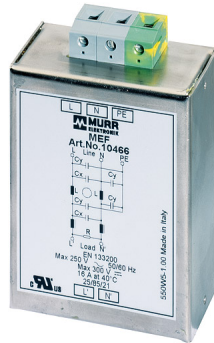


MEF EMC-Filter 1-phase 2-stage I:3A U:250 VAC/300 VDC snap on

Current: 3 A
rail mountable

Image

- against asymmetrical interferences

Vicarious picture

Approvals**Technical Data**

Operating voltage	max. 250 V AC/300 V DC
Operating frequency	0...60 Hz
Consumption at 250 V AC	max. 5 mA
Test voltage (EN 60939-2)	L - N: 2.7 kV DC, 2 s; L - L: 2.1 kV DC, 2 s
Overload current	18 × IN t < 0.5 ms; 1.5 × IN t < 1 min. (1 × per hour)
Connection diameter	0.2...6 mm ² single core (AWG 24...9); 0.2...4 mm ² multiple core (AWG 24...11)

General data

Connection	Screw connection, touch protected
Climatic category	25/85/21 (EN 600068-1)
Dimensions H × W × D	107 x 65 x 39 mm
Mounting method	DIN-rail mountable TH35 (EN 60715)

Description

The single phase 2-stage EMC filters MEF 1/2 are used in the range 0.1...30 MHz to suppress cable carried interference on mains and control cables. The best filter performance is achieved by using short connection wires (suggestion: earth connection < 10 cm) and the largest possible diameter. The EMC filters work bi-directionally (in both directions). The filters are for demanding applications. The filters are designed for use with fixed modules. One step of the filter is always for the suppression of asymmetrical interferences (magnetically compensated suppression). The second step is, dependant on application for symmetrical or asymmetrical interferences. Application:

Application asymmetrical interferences: - units with high switching frequency and repetition, - switch mode P.S.U.s, - in DC mains, - in front of transformers, - for frequency inverters

Commercial data

Net weight	450
Net weight	450
Weight unit	gram
Basic unit	pc.
Customs tariff number	85363010
Unit (piece)	1
Limited value	1

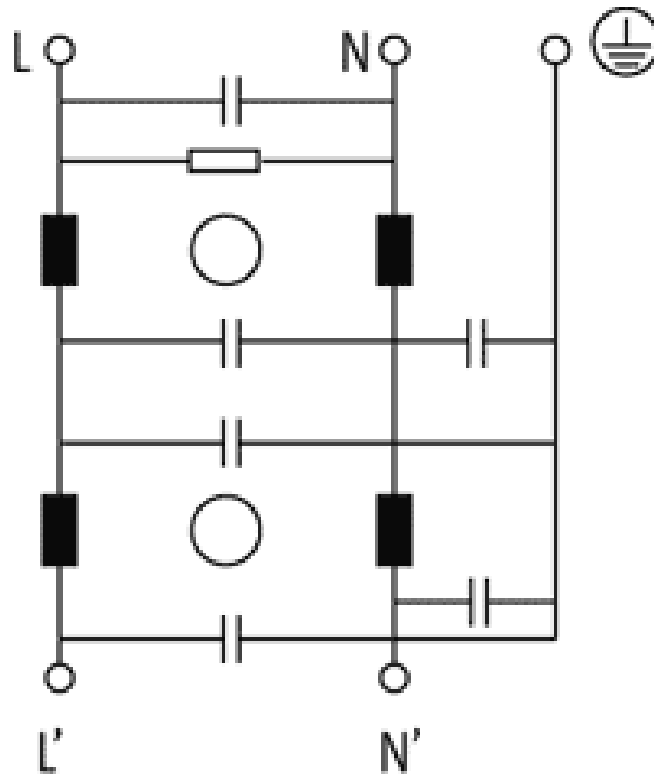
Comments

Attenuation curves on request.

All data on this data sheet was compiled carefully.

Liability regarding correctness, completeness, and actuality is limited to gross negligence. Created: 06/12

Circuit diagram



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Calle 49 N° 5764 - Villa Ballester (B1653AOX) - Prov. de Buenos Aires - ARGENTINA
Tel: (+54 11) 4768-4242 / Fax: (+54 11) 4849-1212
Mail: ventas@nakase.com.ar / Web: www.nakase.com.ar

