

MEF EMC-FILTER 3-PHASE 2-STAGE

I:12A U:3x500 VAC book-style

Art.No.: 10551

Weight: 1.700 kg

Country of origin: IT

Model designation: MEF 3/2 12 A T

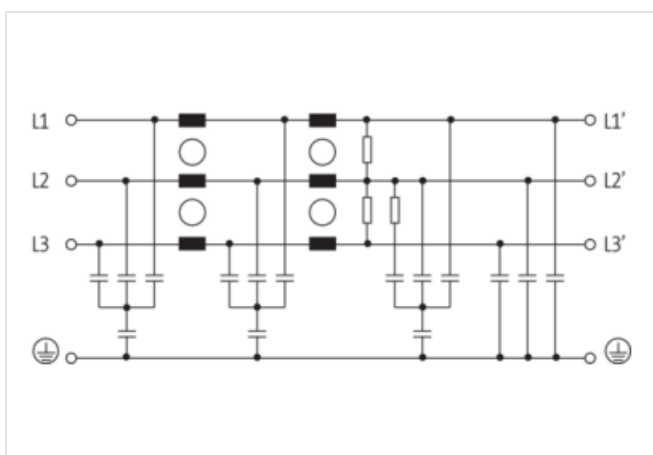
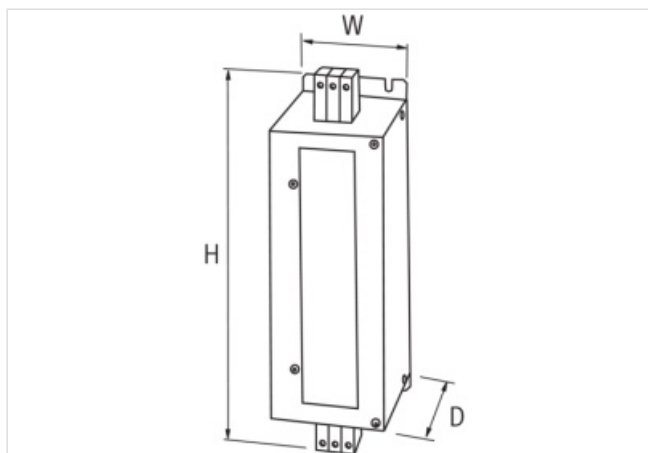
Current: 12 A

2-stage

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



Header

Material short text

MEF 3/2 12 A T

Commercial data

URL Webshop	https://shop.murrelektronik.com/10551
GTIN	4048879029162
ECLASS-6.0	27130806
ECLASS-6.1	27420201
ECLASS-7.0	27420290
ECLASS-7.1	27420290
ECLASS-8.0	27420290
ECLASS-8.1	27420290
ECLASS-9.0	27420208
ECLASS-9.1	27420290
ECLASS-10.0.1	27420290
ECLASS-10.1	27420208
ECLASS-11.0	27420290
ECLASS-11.1	27420208
ECLASS-12.0	27420208
ECLASS-13.0	27420290
ECLASS-14.0	27420290
ETIM-5.0	EC002498
ETIM-6.0	EC002498
ETIM-7.0	EC002498
ETIM-8.0	EC002498
customs tariff number	85363010
EAN	4048879029162
Packaging unit	1

Electrical data

Leakage current max.	15 mA @ 250 V AC, 50 Hz
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Electrical data | Supply

Power frequency	50 ... 60 Hz
Operating voltage AC max.	500 V

Electrical data | Input

Phase number input	3
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Electrical data | Output

Overload current	18× (IN t) max. 0.5 ms; 1.5× (IN t) max. 1 min. (1× per hour)
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Installation

Connection cross-section solid min.	0,2 mm ²
Connection cross-section solid max.	10 mm ²
Connection cross-section stranded/fine-stranded min.	0,2 mm ²
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

Insulation test voltage L-N	3,3 kV
Insulation test voltage L-L	3,1 kV
Duration insulation test voltage	2 s

Mechanical data | Mounting data

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: 2025-12-25

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Height	226 mm
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Width	50 mm
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Depth	140 mm
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Mounting method	screwed
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Environmental characteristics | Climatic

Climatic category (EN IEC 60068-1)	25/085/21
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Connection type 2

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

No. of poles	3
--------------	---

Gender	female
--------	--------

Color contact carrier	gray
-----------------------	------

Connection	Screw terminals SK
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PIN 1	L 1'
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PIN 2	L 2'
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PIN 3	L 3'
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