

## MEF EMC-FILTER 3-PHASE 2-STAGE

I:50A U:3x500 VAC book-style

Art.No.: 10555

Weight: 3.7

Country of origin: IT

Model designation: MEF 3/2 50A T

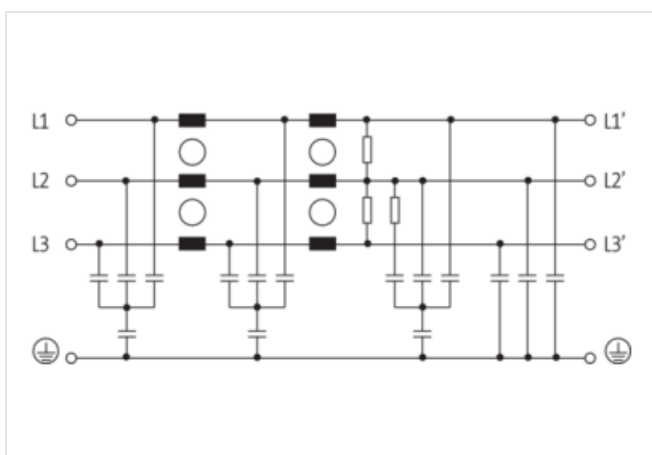
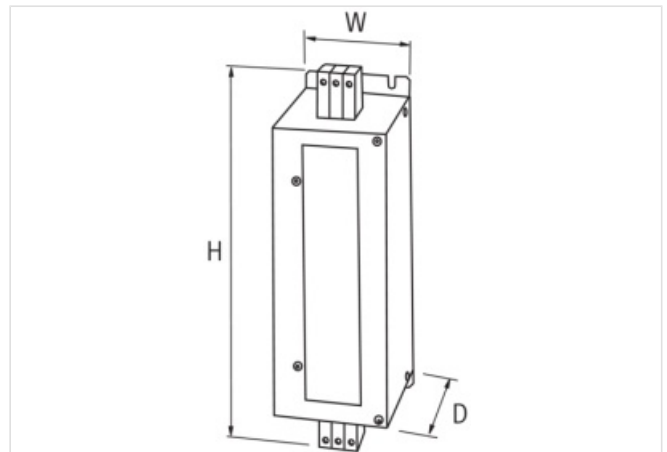
Current: 50 A

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 50A T

#### Commercial data

URL Webshop	<a href="https://shop.murrelektronik.com/10555">https://shop.murrelektronik.com/10555</a>
GTIN	4048879029124
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	85363030
EAN	4048879029124
Packaging unit	1

#### Electrical data

Leakage current max.                      15 mA @ 250 V AC, 50 Hz

#### 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.	0.5 mm <sup>2</sup>
Connection cross-section solid max.	16 mm <sup>2</sup>
Connection cross-section stranded/fine-stranded min.	0.5 mm <sup>2</sup>
Connection cross-section stranded/fine-stranded max.	10 mm <sup>2</sup>
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

Insulation test voltage L-N	33 kV
Insulation test voltage L-L	31 kV
Duration insulation test voltage	2 s

#### Mechanical data | Mounting data

Height	295 mm
Width	70 mm
Depth	177 mm
Mounting method	screwed

**Environmental characteristics | Climatic**

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

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

# Mouser Electronics

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