

## MEF EMC-FILTER 1-PHASE 2-STAGE

I:4A U:250 VAC/300 VDC snap on

Art.No.: 10463

Weight: 0.305 kg

Country of origin: IT

Model designation: MEF 1/2 SY 4A T

Current: 4 A

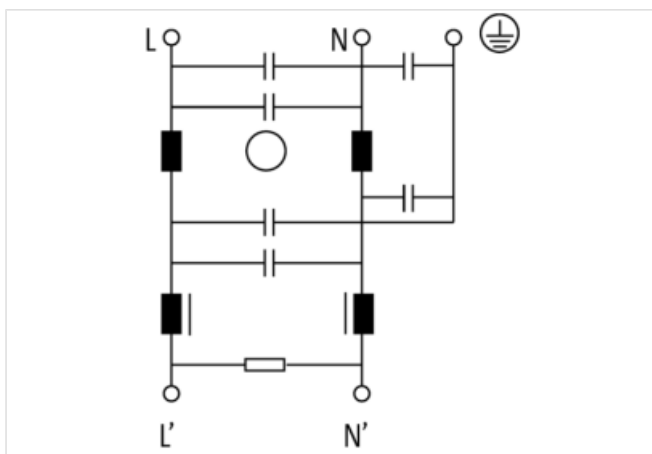
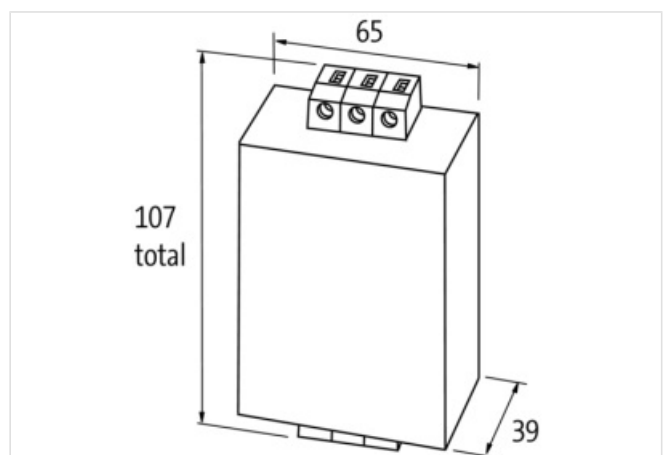
DIN-rail mountable

Attenuation curves on request.

against symmetrical interferences

**Link to Product**

### Illustration



Product may differ from Image



## Commercial data

URL Webshop <https://shop.murreelektronik.com/10463>

|      |               |
|------|---------------|
| GTIN | 4048879029353 |
|------|---------------|

|                       |          |
|-----------------------|----------|
| Customs tariff number | 85363010 |
|-----------------------|----------|

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|                                |                                                                                                                                                     |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable for application range | Power Supply Units, Devices with high repetition rates of switching operations, Phase angle control, supply of universal motors, after transformers |
| Suitable for type of fault     | symmetrical interferences                                                                                                                           |
| 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                     | 27420290                                                                                                                                            |
| 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                            | 4048879029353                                                                                                                                       |
| Packaging unit                 | 1                                                                                                                                                   |

#### Electrical data

|                      |                        |
|----------------------|------------------------|
| Leakage current max. | 5 mA @ 250 V AC, 50 Hz |
|----------------------|------------------------|

#### Electrical data | Supply

|                           |              |
|---------------------------|--------------|
| Power frequency           | 50 ... 60 Hz |
| Operating voltage AC max. | 250 V        |
| Operating voltage DC max. | 300 V        |

#### 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

|                                  |        |
|----------------------------------|--------|
| Insulation test voltage L-N      | 2,7 kV |
| Insulation test voltage L-L      | 2,1 kV |
| Duration insulation test voltage | 2 s    |

#### Mechanical data | Mounting data

|                 |            |
|-----------------|------------|
| Height          | 107 mm     |
| Width           | 56 mm      |
| Depth           | 39 mm      |
| Mounting method | geschnappt |

Suitable for mounting type                      Mounting rail TH35, (EN 60715)

**Environmental characteristics | Climatic**

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

**Connection type 3**

|                          |                    |
|--------------------------|--------------------|
| Family construction form | terminal           |
| No. of poles             | 1                  |
| Gender                   | female             |
| Color contact carrier    | green-yellow       |
| Connection               | Screw terminals SK |
| PIN 1                    | PE                 |
| Family construction form | terminal           |
| No. of poles             | 2                  |
| Color contact carrier    | gray               |
| Connection               | Screw terminals SK |
| PIN 1                    | L                  |
| PIN 2                    | N                  |
| Family construction form | terminal           |
| No. of poles             | 2                  |
| Color contact carrier    | gray               |
| Connection               | Screw terminals SK |
| PIN 1                    | L'                 |
| PIN 2                    | N'                 |