

MEF EMC-FILTER 1-PHASE 2-STAGE

I:16A U:250 VAC/300 VDC snap on

Art.No.: 10466

Weight: 0.317 kg

Country of origin: IT

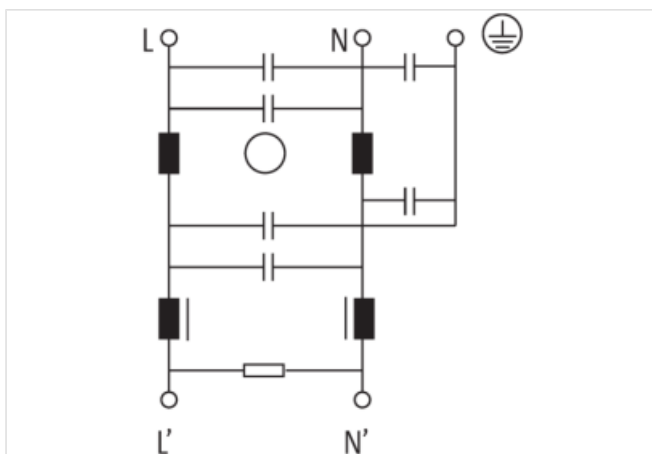
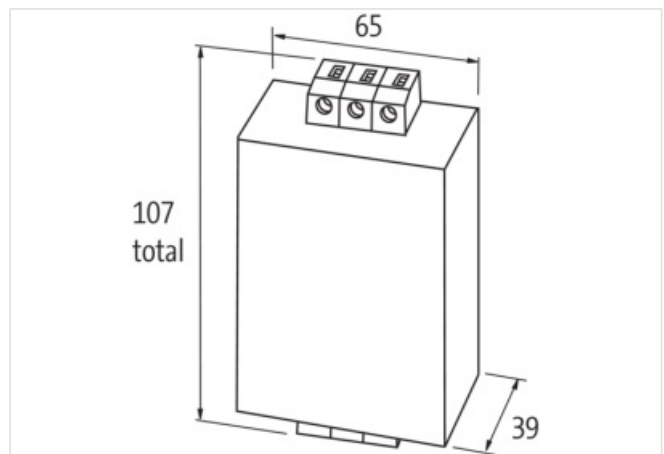
Model designation: MEF 1/2 SY 16A T

Current: 16 A

DIN-rail mountable

Attenuation curves on request.

against symmetrical interferences

[Link to Product](#)**Illustration**

Product may differ from Image

**Header**

Material short text

MEF 1/2 SY 16A T

Commercial data

| | |
|--------------------------------|---|
| URL Webshop | https://shop.murrelektronik.com/10466 |
| GTIN | 4048879029339 |
| 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 | 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 | 4048879029339 |
| 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 ² |
| Connection cross-section solid max. | 6 mm ² |
| Connection cross-section stranded/fine-stranded min. | 0,2 mm ² |
| Connection cross-section stranded/fine-stranded max. | 4 mm ² |
| 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' |