

MEF EMC-FILTER 3-PHASE 2-STAGE

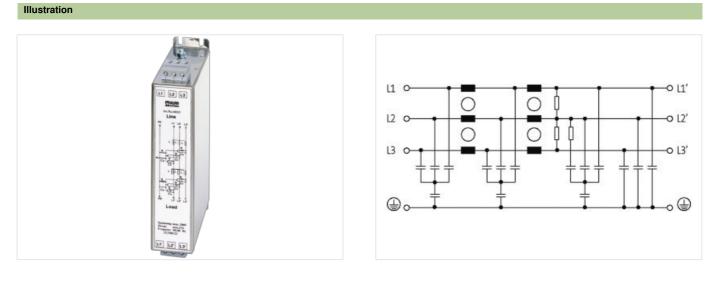
I:50A U:3x500 VAC book-style

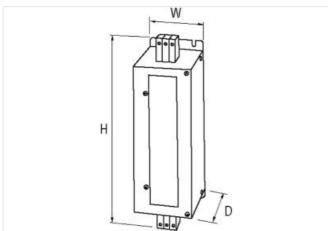
Current: 50 A

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





Product may differ from Image



| Commercial data | | |
|-----------------|----------|--|
| ECLASS-6.0 | 27130806 | |
| ECLASS-6.1 | 27420201 | |
| ECLASS-7.0 | 27420290 | |

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: 2024-04-26

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| ECLASS-8.0 | 27420290 |
|--|---|
| ECLASS-9.0 | 27420208 |
| ECLASS-10.1 | 27420208 |
| ECLASS-11.1 | 27420208 |
| ECLASS-12.0 | 27420208 |
| ETIM-5.0 | EC002498 |
| customs tariff number | 85363030 |
| GTIN | 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 |
| 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. | 0,5 mm ² |
| Connection cross-section solid max. | 16 mm ² |
| Connection cross-section stranded/fine- stranded min. | 0,5 mm² |
| Connection cross-section stranded/fine- stranded max. | 10 mm ² |
| 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 | |
| Duration insulation test voltage | 2 s |
| Insulation test voltage L-L | 3,1 kV |
| Insulation test voltage L-N | 3,3 kV |
| Mechanical data Mounting data | |
| Mounting method | screwed |
| Height | 295 mm |
| Width | 70 mm |
| Depth | 177 mm |
| Environmental characteristics Climatic | |
| Climatic category (EN IEC 60068-1) | 25/085/21 |
| Connection type 2 | |
| Connection | Screw terminals SK |
| Family construction form | terminal |
| Gender | female |
| Color contact carrier | gray |
| No. of poles | 3 |
| PIN 1 | L1 |
| PIN 2 | L2 |
| PIN 3 | L3 |
| Connection | Screw terminals SK |
| Family construction form | terminal |
| | |

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| Gender | female | |
|-----------------------|--------|--|
| Color contact carrier | gray | |
| No. of poles | 3 | |
| PIN 1 | L 1' | |
| PIN 2 | L 2' | |
| PIN 3 | L 3' | |

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