

MEF EMC-FILTER 3-PHASE 1-STAGE WITH NEUTRAL

I:18A U:4x500 VAC

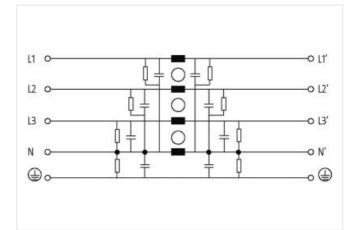
Current: 18 A with neutral with increased damping Attenuation curves on request. The 3-phase and 1-stage MEF

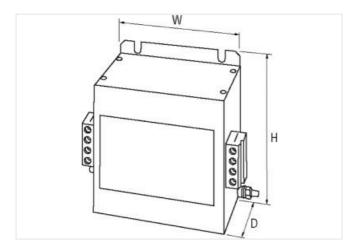
The 3-phase and 1-stage MEF 3/1 line suppression filters are used in the range 0.1...30 MHz to suppress conducted interference on mains and supply lines. They are suitable for TN-S, TN-C-S and TT networks. The best filter effect is achieved with short connecting lines (recommendation: PE connection < 10 cm) with the largest possible cross-sections. The mains suppression filters act bidirectionally (in both directions). They reduce symmetrical and asymmetrical interference, which often occurs in electronically controlled three-phase devices due to mains interference.

Link to Product

Illustration







Product may differ from Image



ECLASS-6.0

27130806

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: 2024-04-18

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| ECLASS-6.1 | 27420201 |
|--|---|
| ECLASS-7.0 | 27420290 |
| ECLASS-8.0 | 27420290 |
| ECLASS-9.0 | 27420290 |
| ECLASS-10.1 | 27420208 |
| ECLASS-11.1 | 27420208 |
| ECLASS-12.0 | 27420208 |
| ETIM-5.0 | EC002498 |
| customs tariff number | 85363030 |
| GTIN | 4048879029094 |
| 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 |
| | 5 |
| 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. | 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 | |
| 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 | 153 mm |
| Width | 130 mm |
| Depth | 100 mm |
| Environmental characteristics Climatic | |
| Climatic category (EN IEC 60068-1) | 25/085/21 |
| Connection type 2 | 23/063/21 |
| | |
| Connection | Screw terminals SK |
| Family construction form | terminal |
| Gender | female |
| Color contact carrier | gray 4 |
| No. of poles | 4 |
| PIN 1 | L1 |
| PIN 2 | L2 |
| PIN 3 | L3 |
| ormation in this Product-PDF has been compiled with the | utmost care. |

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| PIN 4 | Ν |
|--------------------------|--------------------|
| Connection | Screw terminals SK |
| Family construction form | terminal |
| Gender | female |
| Color contact carrier | gray |
| No. of poles | 4 |
| PIN 1 | L 1' |
| PIN 2 | L 2' |
| PIN 3 | L 3' |
| PIN 4 | N' |

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