

## MEF EMC-FILTER 3-PHASE 1-STAGE

I:180A U:3x600 VAC book-style

Current: 180 A

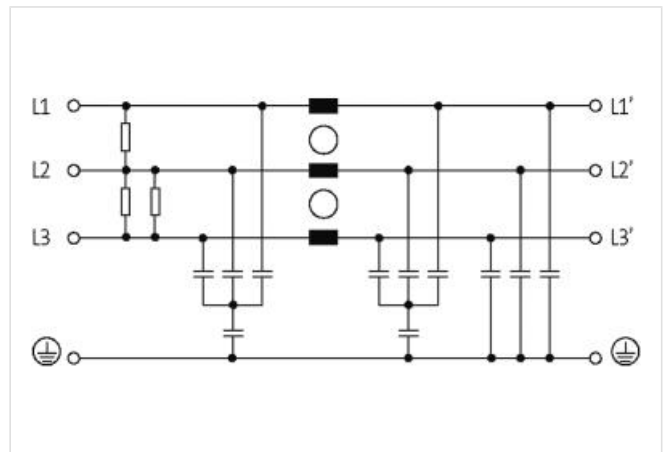
1-stage

Attenuation curves on request.

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.

### 제품 링크

#### 일러스트



실제 제품은 이미지와 다를 수 있습니다.



#### 제품자료

|            |          |
|------------|----------|
| ECLASS-6.0 | 27130806 |
| 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      |
| GTIN        | 4048879029186 |
| 세번부호        | 85363090      |
| 포장단위        | 1             |

Electrical data

|                      |                         |
|----------------------|-------------------------|
| Leakage current max. | 10 mA @ 250 V AC, 50 Hz |
|----------------------|-------------------------|

Electrical data | Supply

|                           |              |
|---------------------------|--------------|
| Power frequency           | 50 ... 60 Hz |
| Operating voltage AC max. | 600 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.                  | 28 mm² |
| Connection cross-section solid max.                  | 95 mm² |
| Connection cross-section stranded/fine-stranded min. | 35 mm² |
| Connection cross-section stranded/fine-stranded max. | 95 mm² |
| AWG number solid min.                                | 3      |
| AWG number solid max.                                | 0      |
| AWG number stranded/fine stranded min.               | 2      |
| AWG number stranded/fine stranded max.               | 0      |

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          | 380 mm  |
| Width           | 120 mm  |
| Depth           | 170 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                    | L 1                |
| PIN 2                    | L 2                |
| PIN 3                    | L 3                |
| Connection               | Screw terminals SK |

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