

## **MEF EMC-FILTER 3-PHASE 2-STAGE**

I:25A U:3x500 VAC book-style

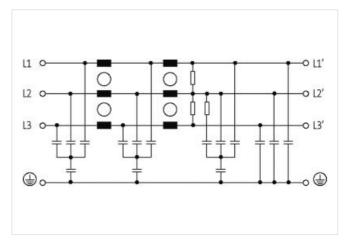
Current: 25 A 2-stage

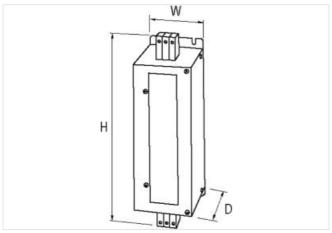
The MEF 3/1-3/2 3-phase and 1-/2-stage mains suppression filters are used in the 0.1...30 MHz range to suppress conducted interference on mains and supply lines. They are suitable for TN-C networks. The best filter effect is achieved with short connecting lines (recommendation: PE connection < 10 cm) 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**

## Illustration







Product may differ from Image





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



stay connected

| 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   | 4048879029148   |  |
| 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.                  | 0,2 mm <sup>2</sup>   |  |
| Connection cross-section solid max.                  | 10 mm²  |  |
| Connection cross-section stranded/fine-stranded min. | 0,2 mm²   |  |
| Connection cross-section stranded/fine-stranded max. | 6 mm <sup>2</sup>   |  |
| 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   | 226 mm  |  |
| Width  | 50 mm   |  |
| Depth  | 140 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 1<br>PIN 2                                       | L1<br>L2  |  |
|  |   |  |
| PIN 2  | L2  |  |



| Gender                | female |  |
|-----------------------|--------|--|
| Color contact carrier | gray   |  |
| No. of poles          | 3      |  |
| PIN 1                 | L 1'   |  |
| PIN 2                 | L 2'   |  |
| PIN 3                 | 1.3'   |  |