

MEF EMC-FILTER 3-PHASE 1-STAGE

I:80A U:3x600 VAC book-style

Current: 80 A 1-stage

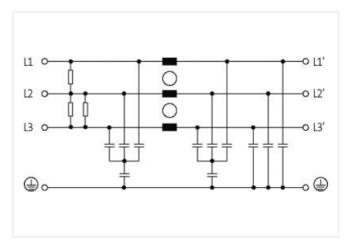
Attenuation curves on request.

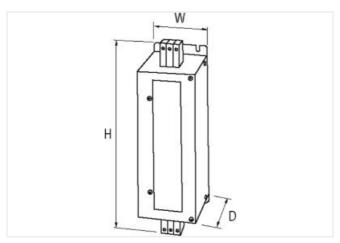
The MEF 3/1-3/2 3-phase and 1-/2-stage mains suppression filters are used in the 0.1...30 MHz range to suppress conducted interference on mains and supply lines. They are suitable for TN-C networks. The best filter effect is achieved with short connecting lines (recommendation: PE connection < 10 cm)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

Link to Product

Illustration







Product may differ from Image







| Commercial data | |
|-----------------|----------|
| ECLASS-6.0 | 27130806 |

| LOLA33-0.0 | 27 130000 | |
|------------|-----------|--|
| ECLASS-6.1 | 27420201 | |



stay connected

| 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 | 4048879029209 |
| Packaging unit | 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. | 6 mm ² |
| Connection cross-section solid max. | 35 mm ² |
| Connection cross-section stranded/fine- | 33 Hillir |
| stranded min. | 10 mm ² |
| Connection cross-section stranded/fine- stranded max. | 35 mm ² |
| AWG number solid min. | 9 |
| AWG number solid max. | 2 |
| AWG number stranded/fine stranded min. | 7 |
| AWG number stranded/fine stranded max. | 2 |
| 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 | 270 mm |
| Width | 90 mm |
| Depth | 150 mm |
| Environmental characteristics Climatic | |
| Climatic category (EN IEC 60068-1) | 25/085/21 |
| Connection type 2 | |
| | Serous terminale SK |
| Connection Eamily construction form | Screw terminals SK |
| Family construction form Gender | terminal female |
| Color contact carrier | |
| No. of poles | gray 3 |
| PIN 1 | L1 |
| PIN 2 | L2 |
| PIN 3 | L3 |
| Connection | Screw terminals SK |
| | COLON COMMINGO OTC |



| Family construction form | terminal | |
|--------------------------|----------|--|
| Gender | female | |
| Color contact carrier | gray | |
| No. of poles | 3 | |
| PIN 1 | L1' | |
| PIN 2 | L 2' | |
| PIN 3 | L 3' | |