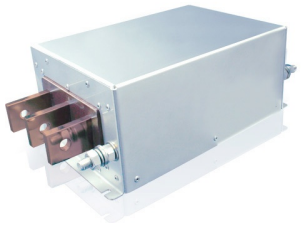
Contatti REO Italia:
+39 030 279 3883 •
info@reoitalia.it

# CNW 107.3/690

*High-current mains filters (3 lines)*



## Unique Selling Point

- specifically desiged for high performances
- suitable for offshore applications
- compact design
- good heat dissipation
- rail connector
- fast installation

### Description

Applications: Suppression of frequency inverters, Power electronics and general suppression for higher power ratings on wind energy and industrial applications.

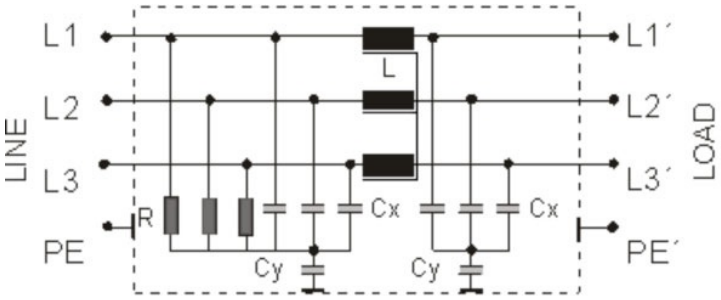
- Conforming to: VDE 0565-3 / IEC 950 / UL 1283
- Test voltage: L-N 2100 V,DC 1s, L/N-PE 2700 V,DC 1s
- Overload: 1,5 x I 1 min/h
- Climatic category: DIN IEC 68 Teil 1 25/085/21

### Technical Data

- Nominal Voltage : 690 V
- Rated current : 280 - 3000 A

The EMC filter is specifically for the suppression of high-current applications in wind energy and industrial applications designed. This filter series is for the voltage levels of 480V and 690V constructed.The filter can be delivered in various casing versions. So it can be adapted to different environmental conditions.
There are also versions for offshore applications possible.

### Circuit example




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Technical data

| Type | Rated voltage [V] | Rated current [A] | Leakage current [mA] | L [µH] | SCx [µF] | SCy [µF] |
|---|---|---|---|---|---|---|
| CNW 107.3/280 | 3 x 480 / 690 | 3 x 280 | <300 | 100 | 40 | 3,8 |
| CNW 107.3/500 | | 3 x 500 | <300 | 100 | 40 | 3,8 |
| CNW 107.3/700 | | 3 x 700 | <300 | 100 | 40 | 3,8 |
| CNW 107.3/1000 | | 3 x 1000 | <300 | 100 | 40 | 3,8 |
| CNW 107.3/1600 | | 3 x 1600 | <500 | 44 | 50 | 7,6 |
| CNW 107.3/2500 | | 3 x 2500 | <500 | 44 | 50 | 7,6 |
| CNW 107.3/3000 | | 3 x 3000 | <500 | 40 | 50 | 7,6 |

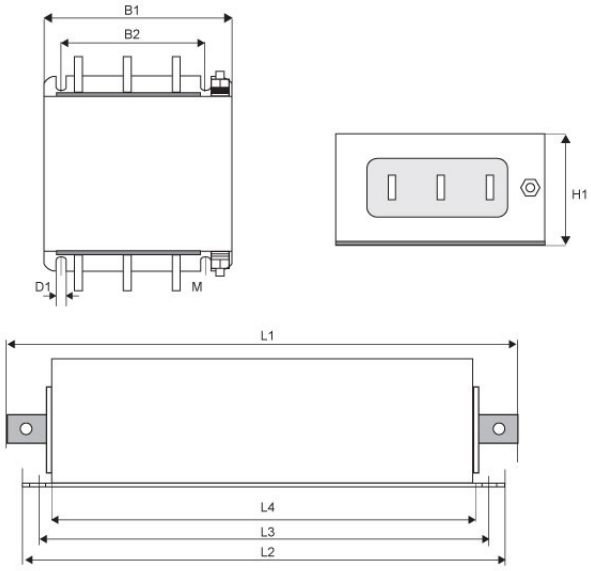
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## Dimensions




| Type | Connection | PE-Connection | L1 [mm] | L2 [mm] | L3 [mm] | L4 [mm] | B1 [mm] | B2 [mm] | H1 [mm] |
|---|---|---|---|---|---|---|---|---|---|
| CNW 107.3/280 | 30x5 | M12 | 420 | 335 | 320 | 296 | 220 | 175 | 135 |
| CNW 107.3/500 | 40x5 | M12 | 420 | 335 | 320 | 296 | 220 | 175 | 135 |
| CNW 107.3/700 | 40x10 | M12 | 420 | 335 | 320 | 296 | 220 | 175 | 135 |
| CNW 107.3/1000 | 40x10 | M12 | 420 | 335 | 320 | 296 | 220 | 175 | 135 |
| CNW 107.3/1600 | 50 x 10 | M12 | 590 | 406 | 340 | 360 | 330 | 300 | 180 |
| CNW 107.3/2500 | 80 x 15 | M12 | 590 | 406 | 340 | 360 | 330 | 300 | 180 |
| CNW 107.3/3000 | 120 x 15 | M12 | 700 | 506 | 400 | 420 | 390 | 360 | 240 |

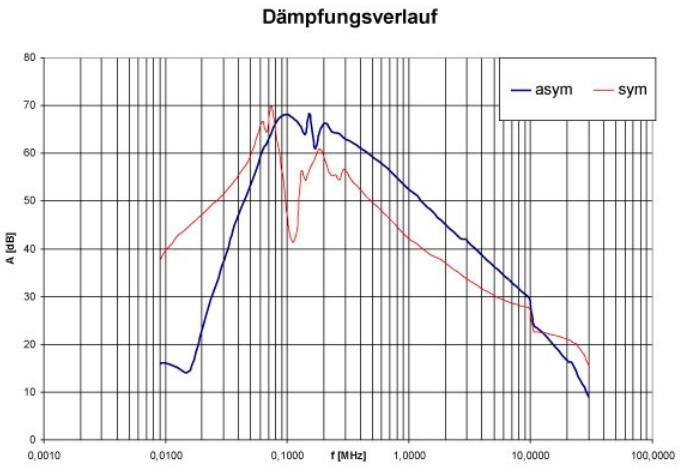
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Typical attenuation




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