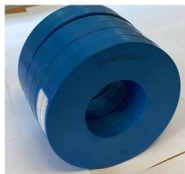
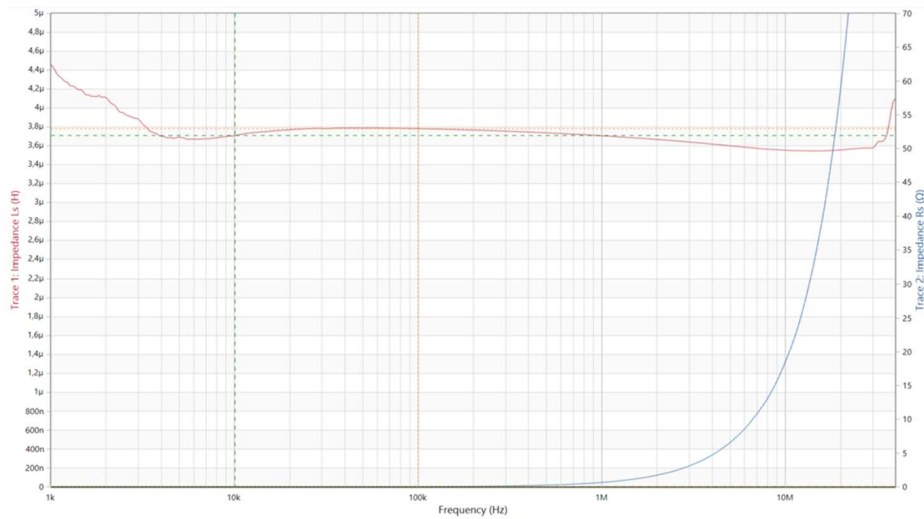




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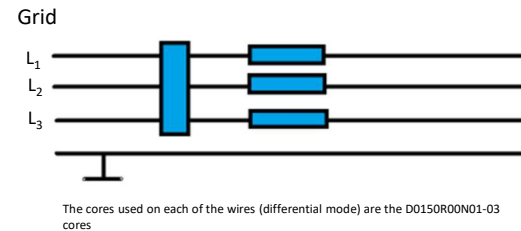
Grid Harmonics Improvement with the D0150R00N01-03



Multiple Cores can be stacked together

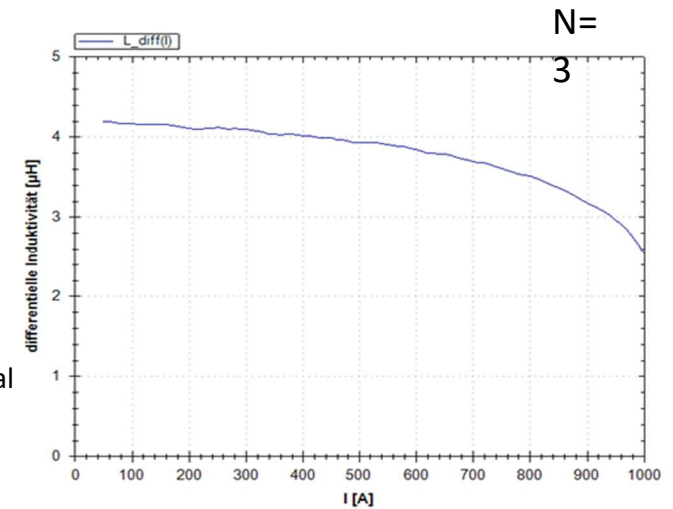
Why the D0150R00N01-03?

- Protects against Current Ripple 50Hz – 100kHz
- Smoothens the HF-Noise
- Extremely low losses through use of nanocrystalline material
- High temperature usage ~130°C
- Scalable usage through stacking of multiple cores



The cores used on each of the wires (differential mode) are the D0150R00N01-03 cores

$I_p \sim 2500A$
 $A_L \sim 0.4\mu H$
 $\mu \sim 100$



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*N=3 Turns. All charts and represented graphs based on N=3. Picture for representation purpose. Steel mounting/housing not a part of the cores and can be customized depending on number of stacked cores on request.