

FAQ – Line Harmonics Filter for Dynavert T

In the fiscal year 2010 the portfolio of the industry frequency inverter series DYNAVERT T was upgraded with input filters / Line Harmonics Filters.

Line Harmonics Filter (LHF) are passive LC filters, which are basically aligned to filter out the 5th and 7th harmonic in the mains current of 6-pulse inverters and thus to reduce the mains feedback at the point of common coupling (PCC) to the significantly lower level of 12-pulse rectifier circuits.

LD LO News – Dynavert T Line Harmonics Filter

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Available from 2.2 kW to 800 kW

New filter modules also for the product sections in the small power range:

- THD I < 5% Total
- Compliance with IEC519
- Device monitoring integrated
- MTBF and MTTR conform to usual requirements
- Operating conditions satisfy demands in accordance with Dynavert standard



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DT LD LO S PS Industry Sector

Question:

Are Line Harmonics Filters available independently from Dynavert T as a built-in unit?

Answer:

In an aligned system LHF's offer - together with the inverter – an optimized observance of system perturbations with simultaneous equipment safety for the inverter. To avoid missprojection, the filters are only available together with a compatible Dynavert. For cabinet devices (or compact devices in the cabinet) the LHF's can be obtained completely built-in via the options L03 (50 Hz mains frequency) alternatively L04 (60Hz mains frequency). Further details (wiring etc.) do not have to be taken into account.

Alternatively the filters can also be ordered as built-in units in connection with adequate compact devices. For this please approach your contact person.

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