

multiwave passive High-frequency filter

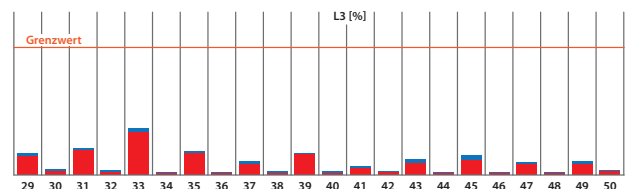
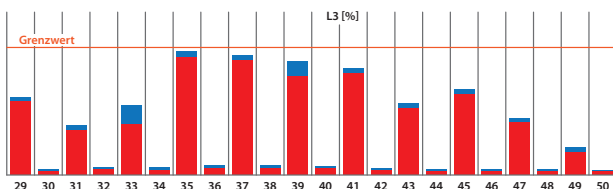
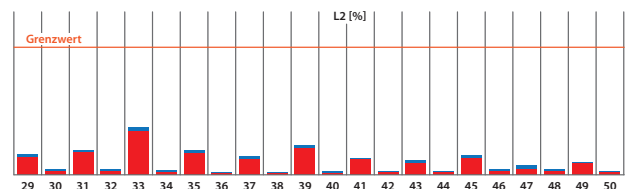
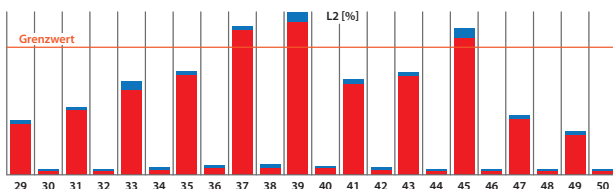
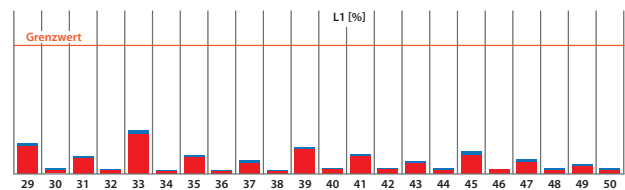
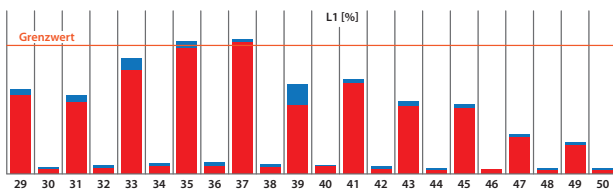


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A high-frequency filter can significantly reduce interference in the high-frequency range above 1.5 kHz, such as resonances, commutation dips, clock frequencies and transients. The stage can be integrated individually in the wall cabinet or as a module in the free-standing cabinet of the **multiwave passive**. Several high frequency filters can also be connected simultaneously. The size of the filter depends on the level to be compensated. After the filter is switched on, it operates without being controlled and in real time. If required, this can be switched on and off via a signal.

Example configuration multiwave passive HF

Technology	RC link
Fundamental current	18 A
Max. permissible operating current	2.1 I _n permanently
Power dissipation	800 W full load, 200 W idle
Control	Key switch 1-0 with delay for discharge time of the capacitors, optional apparent current relay for automatic mode
Switch element	Capacitor contactors
Housing design	Sheet steel cabinet, HxWxD in mm: 600 x 600 x 350, interior and exterior paint RAL 7035 (other paint on request), Module plates galvanized, door hinge left (optionally right), feed from bottom (on request from top), protection class I
Weight	50 kg
Ventilation	Integrated ceiling ventilation, temperature-controlled
Fuse	NH isolator 35 A



Harmonics without filter

Harmonics with high pass filter