



Optimizing your drive!

HHF 160-400-50-20-A

Main

Product type High harmonic filter for reduction of the high harmonic distortion (above 1.5kHz) of e.g active rectifiers.

Type code	HHF 160-400-50-20-A
Topology	Trap filter
Order code	25000013
Supply voltage	3 • 400V (+ /-10%) 50Hz (+/- 2%)
Compensation	Harmonic Mitigation of Harmonics 30th to 180th order
Rated current	24 A

Ambient

Standards and requirements	IEC/EN 61000-2-2 / -4 IEC/EN 61000-3-2 / -4 / -12 IEEE 519-2014 G5/4
Humidity	Humidity class F without condensation 5.....85% - Class 3K3 (non-condensing) during operation
Ambient temp.	min. 5°C (41°F) max. 45 °C (113°F) derating = -2%/K between 45°C (113°F) and 50°C (122°F)
Altitude	<1000m derating above 1000m: -5%/1000m (up to 4000m)

specific data

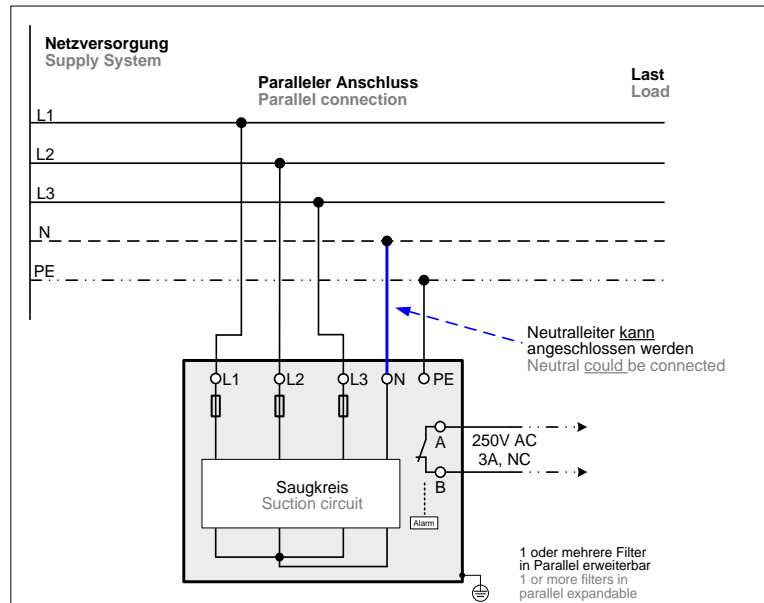
Power loss	360W
Weight	29kg

Electrical connections, controls and auxilay supply

Main supply	Terminals 0,4...4mm ² Tightening torque, min-max.: 1.5-1.8Nm
Control	Overtemperature NC contact Terminal A/B

Working principle HHF-Active

High Harmonic Filters are parallel filter circuits drawing harmonics out of supply.



Physical dimensions filter HHR 160-400-500-20-A

