

Radio interference filter, three-phase **HFD 510-500/50**



Picture shows HFD 510-400/35

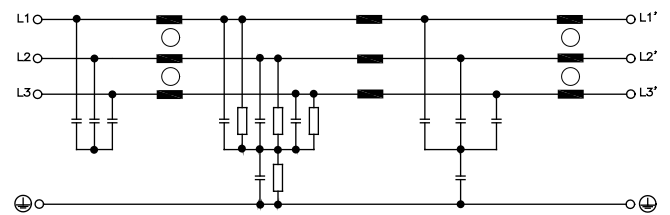
Advantages

For the highest requirements
Two-stage filter concept
Efficient filter effect against line-bound interference emissions
Increase in the interference immunity of the connected consumer

Applications

Leakage current measured against the maximum permissible input voltage fluctuation in accordance with IEC 38 ± 10 %.

Sample application



Standards

Radio interference suppression filter to DIN EN 60939-2

Approvals



Radio interference filter, three-phase HFD 510-500/50

Electrical data

Type	HFD 510-500/50
Operating data	
Rated voltage	3 x 520 Vac
Voltage range	0 - 3 x 520 Vac
Rated current	3 x 50 A
Leakage current (50 Hz)*	20.00 mA
Leakage current (50 Hz)**	188.00 mA
Rated frequency	50 - 60 Hz
Overtopping Capacity	150 %, shortly
Environment	
Ambient temperature max.	40 °C
Climatic category	25/085/21 (in accordance with EN 60068-11)
Safety and protection	
Type	Metal enclosure
Protection index	IP 20
Safety class (prepared)	I
Test voltage	2150 Vdc Phase/Phase, 2700 Vdc Phase/PE
Notes	
*	Leakage current measured against the maximum permissible input voltage fluctuation in accordance with IEC 38 ±10 %
**	Leakage current by loss of two phases
Order numbers	
Order Number	HFD 510-500/50

Mechanical data

Type	HFD 510-500/50
Terminal and mounting	
Terminals phase	Screw clamp, 16 mm ²
Terminals PE	Bolt, M8
Fixing method	Mounting lugs
Measures and weights	
Weight	3.10 kg

