

Radio interference suppression filter, three-phase, low leakage current HFD 356-400/10



Picture shows HFD 356-400/3

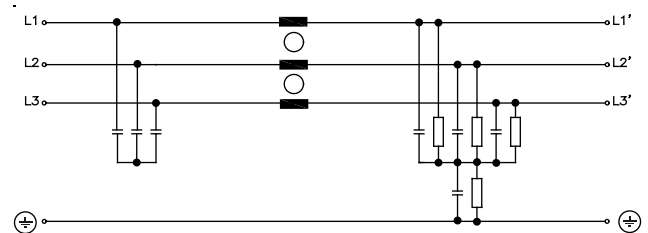
Advantages

For general EMI suppression
Low leakage current
Single-stage filter concept
Efficient filter effect against line-bound interference emissions
Increase in the interference immunity of the connected consumer

Applications

Radio interference suppression filter for mains-side interference suppression of power supplies and electronic devices.

Sample application



Standards

Radio interference suppression filter to DIN EN 60939-2

Approvals



Radio interference suppression filter, three-phase, low leakage current

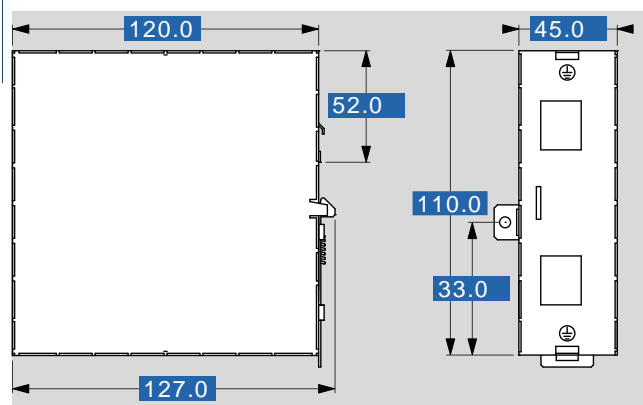
HFD 356-400/10

Electrical data

Type	HFD 356-400/10
Special features	
Characteristics	Suitable for the medical field
Operating data	
Rated voltage	3 x 480 Vac
Voltage range	0 - 480 Vac
Rated current	3 x 10 A
Leakage current (50 Hz)**	5.00 mA
Leakage current (50 Hz)*	0.50 mA
Power loss	4.7 W
Rated frequency	50 - 60 Hz
Oversampling Capacity	150 %, shortly
Environment	
Ambient temperature max.	45 °C
Climatic category	25/085/21 (in accordance with EN 60068-1)
Safety and protection	
Type	Metal enclosure
Protection index	IP 20
Safety class (prepared)	I
Test voltage	2100 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 356-400/10

Mechanical data

Type	HFD 356-400/10
Terminal and mounting	
Terminals phase	2.5 mm ² spring terminal
Terminals PE	Tab connector, 6.3 x 0.8 mm
Fixing method	DIN Rail mounting
Measures and weights	
Weight	0.49 kg



Subject to change.