Radio interference suppression filter, singlephase, low leakage current

HFE 356





General Data

Rated voltage 250 Vac

Voltage range 0 - 250 Vac

Rated current 1.00 - 16.00 A

Leakage current 2 mA

Degree of protection IP 20

Rail mounting

Advantages

For general requirements

Low leakage current

Single-stage filter concept

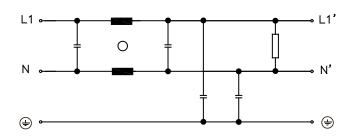
Efficient filter effect against line-bound interference emissions

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





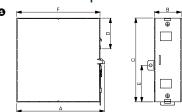


Radio interference suppression filter, single-phase, low leakage current **HFE 356**



Special features Special fea	634							
Special features Subtable for the medical field Subtable for the field Subtable for the medical field Subtable for the medical field Subtable for the fi	ր Ty	/p	HFE 356-230/1	HFE 356-230/3	HFE 356-230/6	HFE 356-230/10	HFE 356-230/12	HFE 356-230/16
Retail coursers 1.0 A 2 mA 2	Sp	pecial features						
Retail coursers 1.0 A 2 mA 2	data	aracteristics						Suitable for the medical field
Retail coursers 1.0 A 2 mA 2	g Op	perating data						
Reduct foreigner 1	Rat	ted voltage	250 Vac	250 Vac				
Reduct current to 1	II Vol	Itage range	0 - 250 Vac	0 - 250 Vac				
Rated frequency S0 - 60 Hz		ited current	1 A	3 A	6 A	10 A	12 A	16 A
Power loss	Lea	akage current (50 Hz)	2 mA	2 mA				
Standards	Rat	ted frequency	50 - 60 Hz	50 - 60 Hz				
Classification	Pov	wer loss	0.9 W	1.8 W	2.6 W	4.0 W	6.2 W	8.9 W
Classification EMI filter	Ove	errating Capacity	150 %, shortly	150 %, shortly				
Environment	St	candards						
Climatic category 25/085/21 Climatic category 25/085/2	Cla	essification	EMI filter	EMI filter				
Climatic category 25/085/21 In accordance with 10006-11 In accordance with 10006-1	Fn	nvironment						
Safety and protection Type Metal enclosure P200 (vide Phase/N, 2700 (vide Phase/N,	_		[in accordance with	[in accordance with				
Type	Am	nbient temperature max.	45 °C	45 °C				
Type	Sa	afety and protection						
Protection index	_	, ,	Metal enclosure	Metal enclosure				
Safety class (prepared) I I I I I I I I I I I I I I I I I I I	•							
Test voltage 1700 Vdc Phase/N, 2700 Vdc Phase/PE 1700 Vdc Phase/N, 2700 Vdc Phase/PE 2700 Vdc Phase/PE 2700 Vdc Phase/PE 2700 Vdc Phase/N, 2700 Vdc Phase/PE 2700 Vdc Phase/N, 2700 Vdc Phase/PE 2700 Vdc Phase/N,			1		1	1	1	1
Order numbers Order Number HFE 356-230/1 HFE 356-230/3 HFE 356-230/6 HFE 356-230/10 HFE 356-230/12 HFE 356-230/16 HFE 356-			1700 Vdc Phase/N,	1700 Vdc Phase/N,				
Terminal and mounting Terminal Terminal and mounting Terminal Terminal and mounting Terminal Terminal and mounting Terminal	0	alama alama	2700 Vu0 1 11030/1 L	2700 Vuo 1 11030/1 E	2700 Vdc 111d36/1 E	2700 Vac i ila36/1 E	2700 Vuo 1 11030/1 E	2700 Vuo 1 Hu30/1 L
Terminal and mounting Connections phase 2.5 mm² spring terminal	_		UFF 0FC 000 /4	UFF 0.F.C. 0.00 /0	HET OF C 000 /C	HEF OF C 000 /40	UFF 0FC 000 /40	HET OFC 000 /4C
Connections phase 2.5 mm² spring terminal 2.5 mm² spri		der Number	HFE 336-23U/1	HFE 336-23U/3	MFE 336-230/6	MFE 336-23U/1U	HFE 336-23U/12	HFE 336-23U/16
Connections PE Connections PE Tab connector, 6.3 x 0.8 mm Tab connector	Te	erminal and mounting						
Dimension picture (in mm) Image: Control of the picture (in mm)		nnections phase	2.5 mm ² spring terminal	2.5 mm ² spring termina				
Dimension picture (in mm) Image: Control of the picture (in mm)	Col	nnections PE						
Dimension picture (in mm) Image: Control of the picture (in mm)	Fixi	ing method						
Dimension picture (in mm) Image: Control of the picture (in mm)	M	easures and weights						
Dimension picture (in mm) Image: Control of the picture (in mm)	Me We	eight	0.32 kg	0.33 kg	0.33 kg	0.34 kg	0.56 kg	0.55 kg
B 40 40 40 40 45 45 C 85 85 85 85 110 110 D 22 22 22 22 52 52 E 33 33 33 33 33 33		mension picture (in mm)	Ð	0	0	•	0	•
B 40 40 40 40 45 45 C 85 85 85 85 110 110 D 22 22 22 22 52 52 E 33 33 33 33 33 33	Δ		107	107	107	107	127	127
C 85 85 85 85 110 110 D 22 22 22 22 52 52 E 33 33 33 33 33 33								
D 22 22 22 22 52 52 52 E 33 33 33 33 33 33 33	_							
E 33 33 33 33 33 33								
	F	•						
	F		100	100	100	100	120	120

Dimension pictures



1.1

1.2

1.3

2.1

2.2

3.1

3.2

3.3

4.0

5.1

5.2