VPF

Power filter

Description

The **VPF** filters have been designed to reduce the high-frequency electromagnetic interferences generated by power converters as a consequence of semi-conductor switching operations.

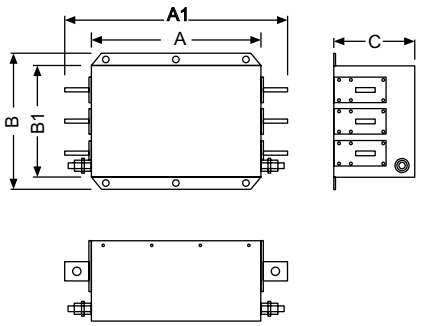
Application

- Compulsory compliance with the electromagnetic compatibility directives for all units with electrical or electronic components.
- Avoid the propagation of electromagnetic distortions transmitted to sensitive receivers.

Features

Features	Three-phase
Maximum supply voltage	440 V a.c.
Frequency	50 ... 60 Hz
Dielectric rigidity	2.5 kV
Admissible current	see tables
Overload conditions	1.5 I_n 1 min every 20 min at 40 ºC
Common mode attenuation	50 ... 60 dB
Range of frequencies	150 kHz ... 30 MHz
Environmental conditions	
Operating temperature	35 ºC
Relative humidity	80 % non-condensing

Dimensions



References

500 V, 50 or 60 Hz

I_n (A)	Weight (kg)	$I_{leakage}$ Max. (mA)	Losses (W)	Screws (mm)	Dimensions (mm) A x B x C	Type	Code
150	6,5	< 6	28	ø 9	260 x 170 x 120	VPF-3150/B	R71408
180	6,5	< 6	38	ø 9	260 x 170 x 120	VPF-3180/B	R71409
250	7	< 6	57	ø 11	300 x 190 x 116	VPF-3250/B	R71410
320	10,3	< 6	40	ø 11	300 x 260 x 116	VPF-3320/B	R71411
400	10,3	< 6	50	ø 11	300 x 260 x 116	VPF-3400/B	R71412
600	11	< 6	65	ø 11	300 x 260 x 116	VPF-3600/B	R71413
1000	18	< 6	91	ø 17	350 x 280 x 166	VPF-31000/B	R71414
1600	27	< 6	180	ø 17	400 x 300 x 166	VPF-31600/B	R71415
2500	45	< 6	400	ø 14 x 4	600 x 360 x 200	VPF-32500/B	R71416