POWER PRO

EMC-RFI SUPPRESSION FILTERS FOR 1-PHASE SYSTEMS

PP1DWP Series, 2-stage all purpose filters with high asymmetrical insertion loss, conform to EN 133200, UL 1283 and IEC 950

The Power Pro range of filters represents and ideal solution for the most demanding EMC requirements. High noise attenuation, low leakage current, compact housing and full CE approval are only some of the advantages offered by this new generation of advanced filters

PP1DWP: Use in equipment where high speed switching processes with high repetition frequency occur.
These filters are also used in case of severe requirements regarding anti-interference efficiency (VDE interference level K). By properly choosing the X-capacitors between L and N, the symmetric attenuation loss is also very good.

Application class:	HPF acc. to DIN 40040 (-25ºC / + 85ºC / 95% RH, 30 days)
Test voltage:	L/N E2.25 kVDC, 2s L/N 1.075 kVDC, 2s
Leakage current:	See table
50% saturation at 20ºC typ.:	2 to 3 x In
Inrush current:	1.5 x In 1 min. per hour
Current reduction above 40ºC ambient temperature	I=In (85 -è)/45 è = operating temperature
MTBF at 40ºC/250V acc. to MIL-HB-217 F:	> 200'000 h

Approvals obtained:

EN 133200 CCA-CERTIFICATE

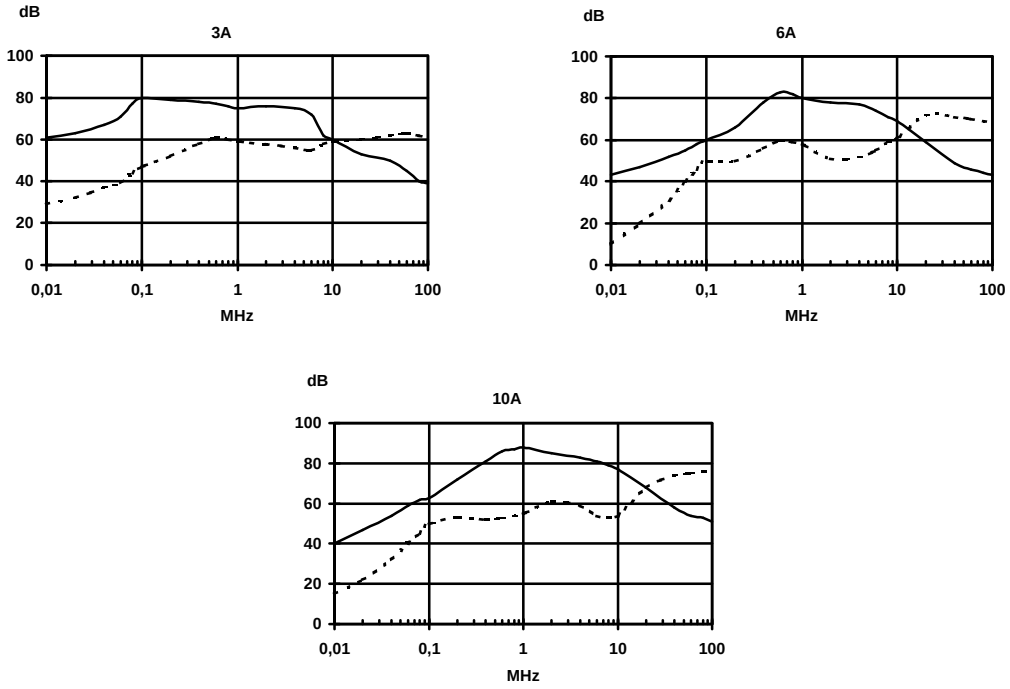
PP1DWP 2-stage, all purpose filters for switching power supplies.
The filters of the DWP line are specially suitable for use in switching power supplies. These are two stages filters, one of which is particularly effective against symmetrical and the other for asymmetrical interference.

Type	In (A)	Un	Leakage Current (mA)	Cx (ìF)	Cy1(nF)	Cy2(ìF)	R (MÙ)	L (mH)	Case
PP1DWP3	3	Up to 250 V 50/60 Hz	< 5	0.1	22	1	1	2	1
PP1DWP6	6		< 5	0.1	22	1	1	0.8	1
PP1DWP10	10		< 5	0.1	22	1	1	0.4	1

Vn max 250V 50/60Hz
Max. Leakage Current < 5mA.
Cable connection: FASTON

Climatic Conditions: - 25°C / +85°C 95% RH , 30 days
Overload Current: 1,5 x In 1 min. per hour

INSERTION LOSS



ASYMM. SYMM.

CASE 1