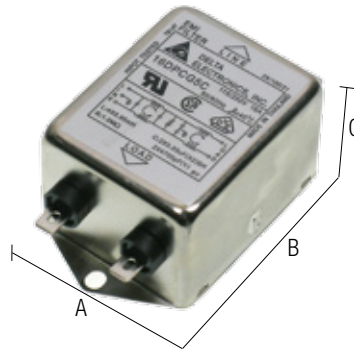


DP series double-cell single-phase filter

- Models from 3 to 30 A
- Elevated attenuation from 150 kHz to 30 MHz
- Elevated attenuation even on long cables
- Minimum surface occupied on the panel

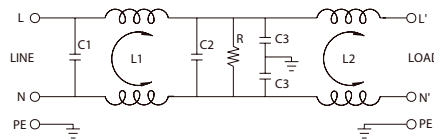


NOTES

The dimensions and diagrams are purely indicative, for more detailed information see the product's technical data.

- (1) 0.25 mA @ 115 Vac and 0.45 mA @ 250 Vac for 3...20 A - 1 mA @ 115 Vac models and 2 mA @ 250 Vac for 30 A models.
- (2) Version made to order (not kept in stock); contact our sales office for availability.
- (3) Flat plug for 3...20 A models; self-blocking nut for 30 A model.
- (4) The presence of condensators between phase and neutral, dictates that the isolation tests are carried out in DC in accordance with EN60950.

BLOCK DIAGRAM



VERSIONS			
Nominal current	ID number	Code	
3 A	F 03 DP CG5C	XF03DPCG5C	(2)
6 A	F 06 DP CG5C	XF06DPCG5C	(2)
12 A	F 12 DP CG5C	XF12DPCG5C	(2)
16 A	F 16 DP CG5C	XF16DPCG5C	(2)
20 A	F 20 DP CG5C	XF20DPCG5C	(2)
30 A	F 30 DP GS5C	XF30DPGS5C	(2)

Dimensions			Weight (kg)
A	B	C	
84.8	75	52	
152.9	143	51.3	
84.8	75	52	
56.5		46.4	

GENERAL TECHNICAL DATA	
Nominal voltage	115–250 Vac ± 10%
Nominal current	See table for versions
Frequency	50...60 Hz
Leakage current at 480 Vac 60 Hz	0.25...1 mA / 0.45...2 mA (1)
Room temperature	-25...+85°C
Line/line insulation	1.45 KVdc / 60 s (4)
Line/PE insulation	2.25 KVdc / 60 s (4)
Surge category / degree of pollution	—
Degree of protection	IP 20 IEC 529, EN60529
Connection type	flat plug (from 3 to 20 A) / self-blocking nut (30 A) (3)
Container material	metallic
Approximate weight	See table for versions
Assembly	on panels by means of anchorage screws

ID number	Attenuation in dB of common mode (L / PE)						Attenuation in dB of differential mode (L / L)					
	0.15 MHz	0.5 MHz	1 MHz	5 MHz	10 MHz	30 MHz	0.15 MHz	0.5 MHz	1 MHz	5 MHz	10 MHz	30 MHz
F 03 DP CG5C	45	60	60	55	45	45	12	45	45	45	45	45
F 06 DP CG5C	30	50	60	55	50	35	8	45	45	45	45	45
F 12 DP CG5C	15	25	35	55	55	35	12	40	40	35	35	40
F 16 DP CG5C	20	35	45	60	50	35	12	40	40	45	45	50
F 20 DP CG5C	15	40	45	50	50	40	12	45	45	40	35	50
F 30 DP GS5C	10	30	35	55	45	30	18	45	50	40	40	40