

Filter Selection Table

Filter	Rated current @ 40°C (25°C)	Leakage current* @ 230 VAC/50 Hz	Inductance** L	Capacitance**		Input/Output connections	Weight
				Cx	Cy		
	[A]	[µA]	[mH]	[nF]	[nF]		[g]
FN 405-0.5-02	0.5 (0.6)	373	24	15	2.2	-02	40
FN 405-1-02	1 (1.2)	373	10	15	2.2	-02	40
FN 405-3-02	3 (3.6)	373	2	15	2.2	-02	40
FN 405-6-02	6 (6.9)	373	0.8	15	2.2	-02	40
FN 405-10-02	10 (11.5)	373	0.5	15	2.2	-02	40

* Maximum leakage under normal operating conditions. Note: if the neutral line is interrupted, worst case leakage could reach twice this level.
** Tolerances apply: Inductance: -30/+50%, Capacitance: ±20%, Resistance: ±10%

Product selector

FN 405-yy-..

02: PCB through hole mounting

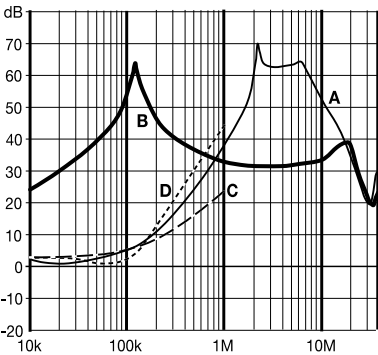
0.5 to 10: Rated current

For example: FN 405-0.5-02, FN 405-10-02

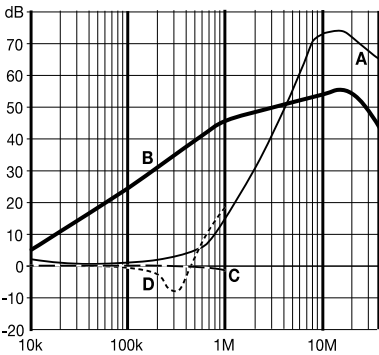
Typical Filter Attenuation

Per CISPR 17; A=50 Ω/50 Ω sym; B=50 Ω/50 Ω asym; C=0.1 Ω/100 Ω sym; D=100 Ω/0.1 Ω sym

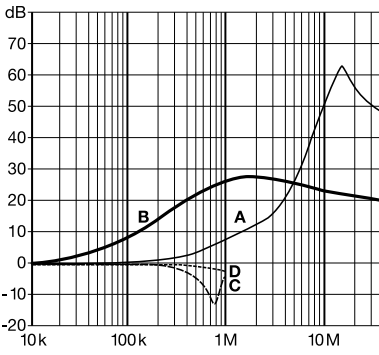
0.5 and 1 A types



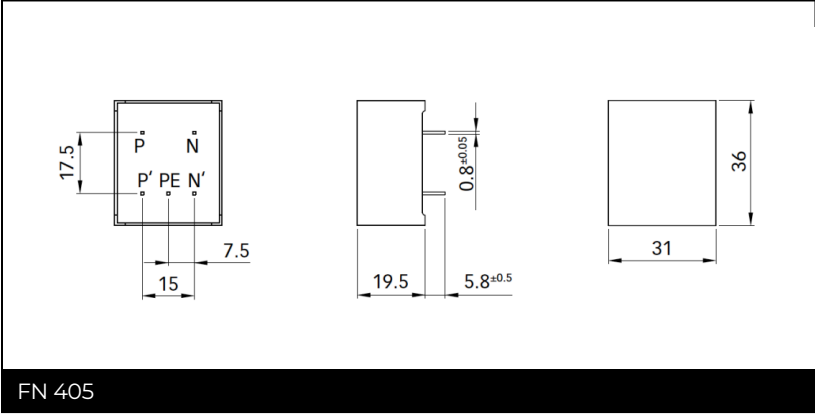
3 and 6 A types



10 A types



Mechanical Data



All dimensions in mm; 1 inch = 25.4 mm
Tolerances according: ISO 2768-m/EN 22768-m
Please visit www.schaffner.com to find more details on filter connectors.

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