

Filters

- For maximum efficiency it is recommended that the filter current rating be as close to, but greater than the maximum circuit current, i.e. for a circuit with a maximum current of 0.5A select a 1A filter.
- Attenuation curves shown for filters are measured in the asymmetrical mode (common mode). This is where measurement is carried out between the phase and neutral connected together, and the protection earth.

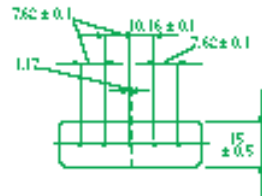
FIL91

Equipment Filters

Ultra-Compact PCB Mounting

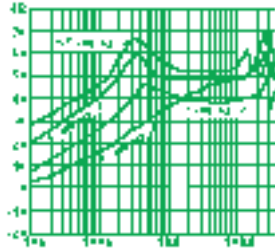


H = 29.5, W = 15, D = 45
Pins: L = 7, W = 0.8, D = 0.8



Voltage rating 250V @ 0 to 400Hz
Earth leakage current @ 250V ac 2 0.21mA
Capacitance 1 0.1uF(x) + 2 2200pF(y)

- High performance aluminium cased PCB mounted filter for equipment applications where PCB footprint space is at a premium.
- Approved to **VDE, SEV, UL** and **CSA** with **IEC950** compliant



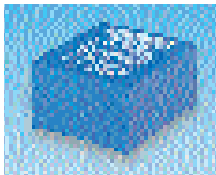
Inductance 24mH (0.5A)
12mH (1A)
2.5mH (3A)
0.78 mH (6A)
Operating temperature -25°C to +85°C

Mftrs. List No. FN406-X/02/ where X = Rating in Amps

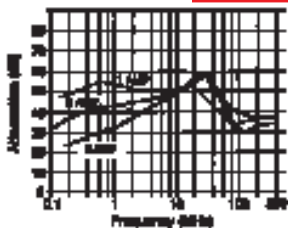
FIL132

Rating	Order Code	Price Each			
		1+	10+	50+	100+
0.5A	.439-393				
1A	.439-400				
3A	.439-411				
6A	.439-423				

PCB Mounting

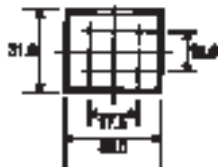


H = 19.5
Pins: L = 7.0, Dia = 0.8



- PCB mounted filter designed to provide effective reduction of broadband line-to-ground (common mode) interference.
- **VDE, SEV, UL** and **CSA** approved.
- Designed to meet **IEC950**.

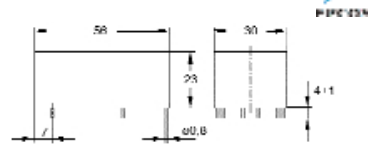
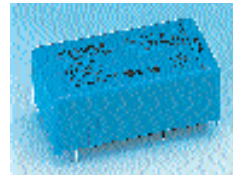
Voltage rating 250V @ 0 to 400Hz
Earth leakage current @ 250V ac 2 0.2mA
Capacitance 1 0.015uF (X2) + 2 2200pF (Y)
Inductance 24mH (0.5A) 10mH (1A), 2mH (3A) 0.8mH (6A)
Operating temp. -25°C to +85°C
Mftrs. List No. FN405-05/02 = 303-1160
FN405-1/02 = 237-310
FN405-3/02 = 219-733
FN405-6/02 = 453-778



FIL1

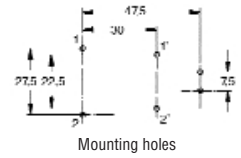
Rating	Order Code	Price Each			
		1+	10+	50+	100+
0.5A	303-1160				
1A	237-310				
3A	219-733				
6A	453-778				

PCB Mounting



- PCB mounting filters offering good performance
- Flame retardant to **UL94V-0**
- Approved **VDE65-3, CSA** and **UL** recognised

Voltage rating 250Vac 50/60Hz
Leakage current 0.5mA
IEC climatic category 25/085/21

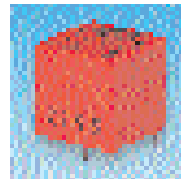


Rating (A)	Capacitors		Dimensions H x W x D	Mftrs. List No.	Order Code
0.5	0.25uF (X2) 2 x 47000pF (Y2)	2 x 39mH	23 x 30 x 56	B84110-A-A5	503-113
1	0.25uF (X2) 2 x 4700pF (Y2)	2 x 10mH	23 x 30 x 56	B84110-A-A10	504-014
2	0.25uF (X2) 2 x 4700pF (Y2)	2 x 5.6mH	23 x 30 x 56	B84110-A-A20	504-324
4	0.25uF (X2) 2 x 4700pF (Y2)	2 x 2.7mH	23 x 30 x 56	B84110-A-A40	504-206

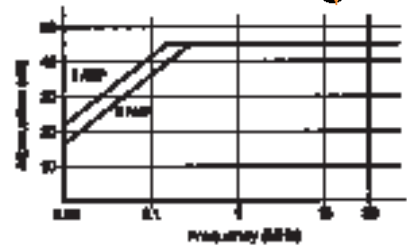
FIL243

Rating	Order Code	Price Each				
		1+	5+	25+	50+	100+
0.5A	503-113					
1A	504-014					
2A	504-324					
4A	992-239					

PCB Mounting, 1" Cube



H = 25,
Pins: L = 15, Dia. = 0.6



- Compact PCB mounting filter
- Designed to meet the requirements of **VDE** and **IEC**.
- Approved to **SEV, UL, CSA, VDE** and **EN 133 200, IEC950** compliant

Voltage rating 115V to 250V ac
Earth leakage current <0.5mA
Capacitance 1 0.015uF (X) + 2 2200pF (Y)
Inductance 2 10mH (150-490), 2 4mH (248-400)
Operating temperature -25°C to +85°C
Mftrs. List No. FPP2-25-1/a = 150-490
FPP2-25-2/a = 248-400

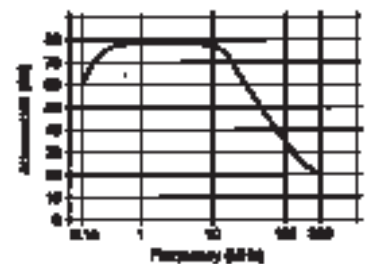
FIL2

Rating	Order Code	Price Each				
		1+	10+	50+	100+	500+
1A	150-490					
2A	248-400					

PCB Mounting, 2 Stage Ultra High Performance



H = 19, W = 33, D = 72
Pins L = 7.0, Th = 0.8 0.8.
Fixing centres = 60 30



- 2 stage pcb mounting filter designed to provide excellent attenuation over a wide frequency range.
- Approved to **VDE, SEV, UL** and **CSA**.
- Complies with **IEC950**.