

Three phase and neutral - general purpose

This series provides a wide power range and a good level of attenuation in single and multi-stage circuits within compact chassis mount enclosures.

The range is available in three phase or three phase and neutral configurations.

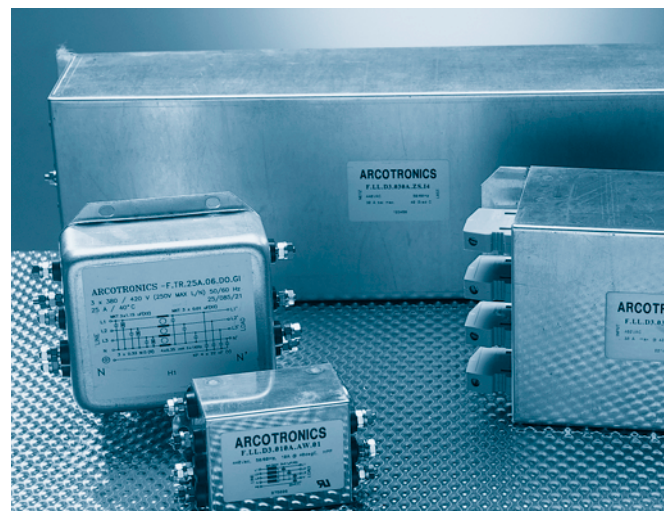
Particularly designed for UPS, mainframe computers, photographic process equipment, and soft start applications.

- Current ratings from 13A to 100A
- Three phase or three phase and neutral options
- High symmetric and asymmetric attenuation
- Screw or flexible lead termination
- Compact enclosure styles

Mechanical Specifications

Manufacture: metal case and cover, internal components sealed with self-extinguishing resin.

Connections: screw M4, M6 for 50A & M8 for 100A, flexible lead, ground terminal connected to case.



Electrical Specifications

Rated voltage (V_R): max 440V (ph - ph), 50/60Hz

Rated current (I_R): referred to room temperature = 40°C

Leakage current (I_L): at $V_R / \sqrt{3}$, 50Hz, max value

Voltage test (2s.): line to ground 3000Vdc line to line 2500Vdc
line to neutral 1700Vdc

Climatic category: HPF (25/085/21);

Temperature range: -25°C to +100°C

HMF (25/100/21) for F.TR.25A.06, 16A, 19A, 50A, 100A

Filter Range

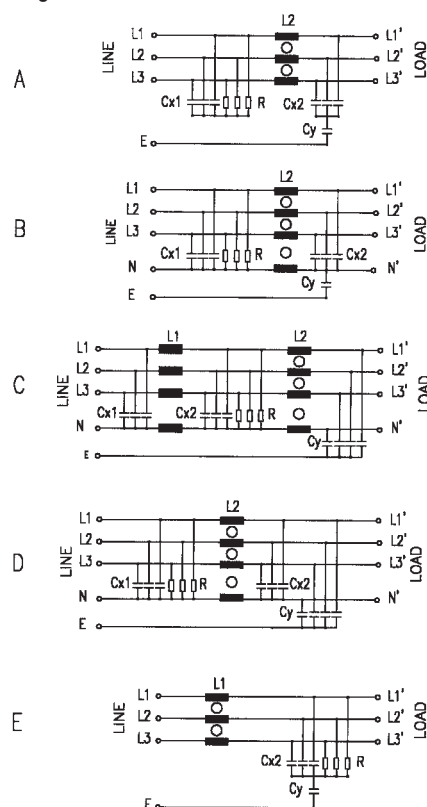
Code	I_R (A)	L_1 (mH)	L_2 (mH)	C_{X1} (uF)	C_{X2} (uF)	C_Y (nF)	I_L (mA)	R (MΩ)	Circ Diag	Case
▲ F.TR.13A.07.D2.G-.01	13	4x0.08	4x1	3x0.1	3x1.5	4x4.7	1.98	3x0.33	C	B
F.TR.15A.05.D0.G-	15		3x0.45	3x0.33	3x0.47	15	1.6	3x0.33	A	A
■ F.TR.16A.07.D2.GI.00	16	4x0.1	4x1	3x0.1	3x1.5	4x4.7	1.98	3x0.33	C	B
F.TR.16A.10.D0.GB	16		3x1	3x1.15	3x0.22	4x22	9.3	3x0.33	D	A
F.TR.19A.10.D0.GI	19		3x1	3x1.15	3x0.22	4x22	9.3	3x0.33	A	C
F.TR.25A.02.D0.G-	25		4x0.45	3x0.33	3x0.47	15	1.6	3x0.33	B	A
F.TR.25A.06.D0.G-	25		4x0.35	3x1.15	3x0.01	4x22	9.3	3x0.33	D	A
F.TR.25A.06.D0.G-.02	25		3x0.1		3x1	100	10.5	3x0.33	E	A
F.TR.50A.06.D0.GD.03	50		3x0.1		3x1	100	10.5	3x0.33	E	A**
F.TR.50A.06.D0.GI.02	50		3x0.1		3x1	100	10.5	3x0.33	E	A*&A**
F.TR.100A.6.D0.GI.02	100		3x0.1		3x1	100	10.5	3x0.33	E	C

■ UL approval only, ▲ VDE & UL approved

D = Flexible leads

I = Screws M4

Circuit diagram



Approvals

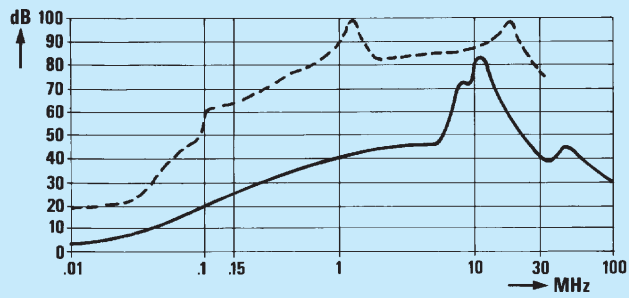


Where indicated

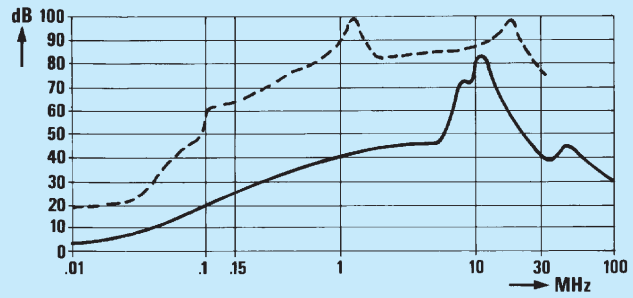
Chassis Mount Filters

F.TR series

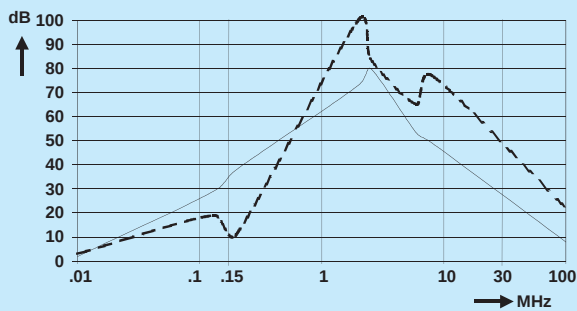
Insertion loss (typical): — Asymmetrical (line to ground) --- Symmetrical (line to line)



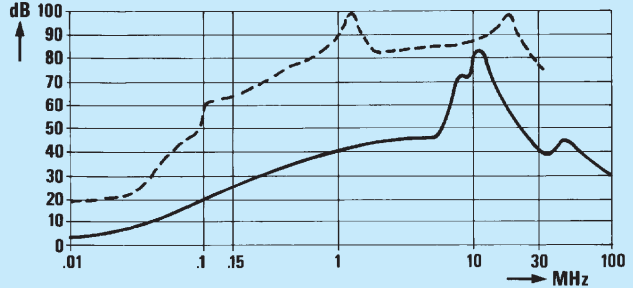
...13A.07, ...16A.07



...15A.05

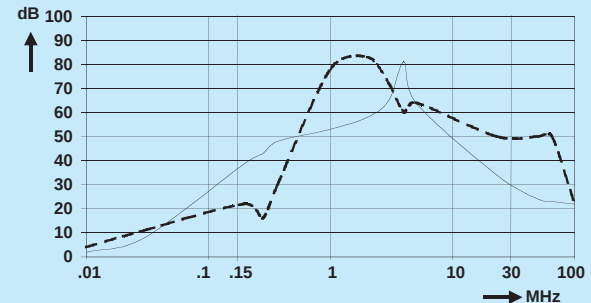
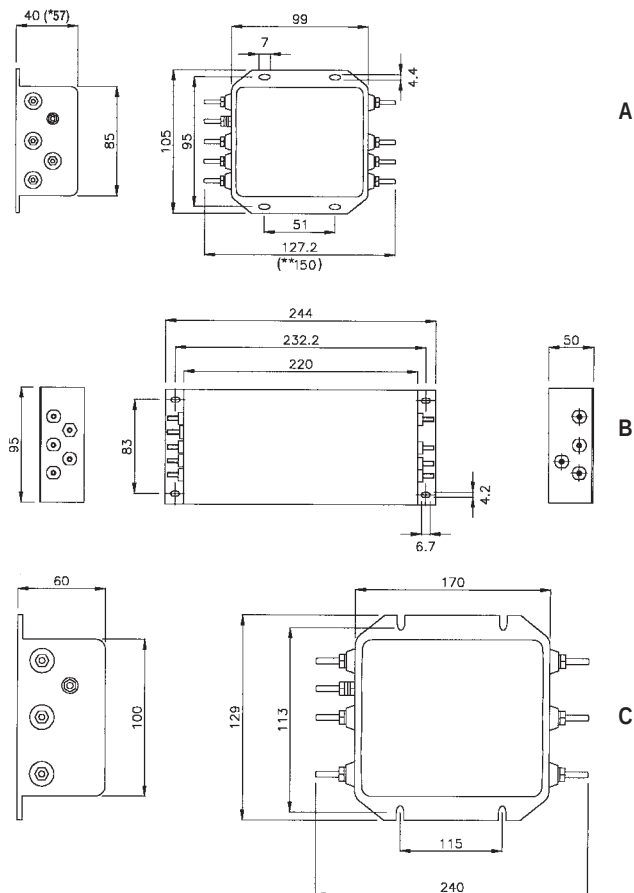


...16A.10 ...19A.10



...25A.02

Dimensions (mm) and connections



...25A.06.D0.G, ...25A.06.D0.G-02, ...50A.06, ...100A.6