


Technical Specifications:

Maximum Continuous Operating Voltage	:520VAC
Operating Frequency	:50/60 Hz
Current ratings	:8A to 250 A @ 50°C
High Potential test voltage	:L to G 2856 VDC for 2 Sec L to L 1290 VDC for 2 Sec
Overload Capability	:135% of rated current for 15Mins
Flammability according to	:UL 94 V-0
Protection category	:IP 20
Design Corresponding to	:UL60939-3, IEC60939-1&2, CSA22.2NO.8-13
Temperature range	:-25°C to +100°C
Climatic Category	:25/100/21

Ordering Information

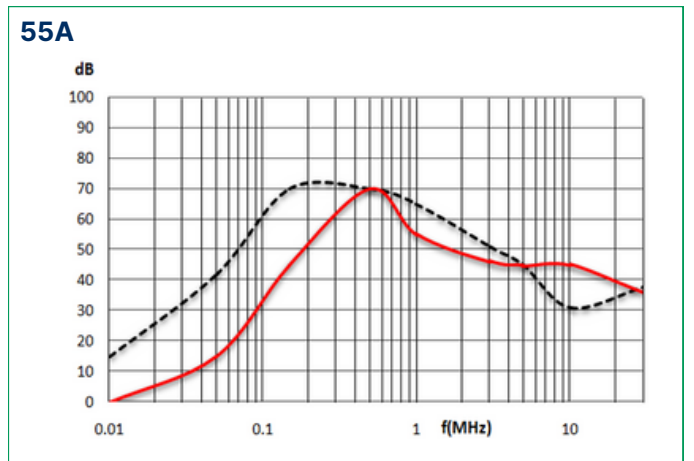
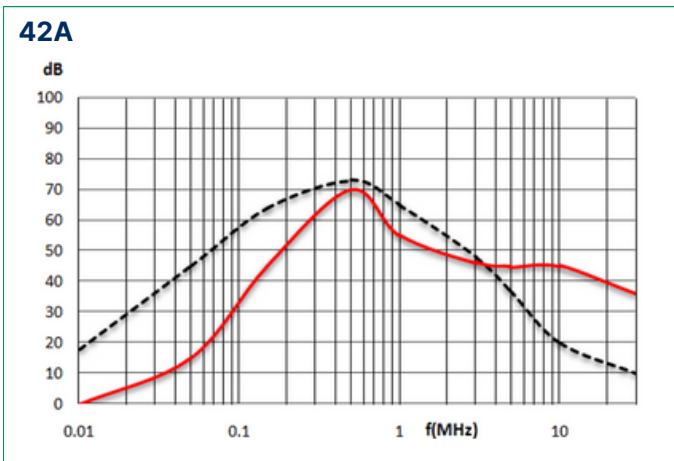
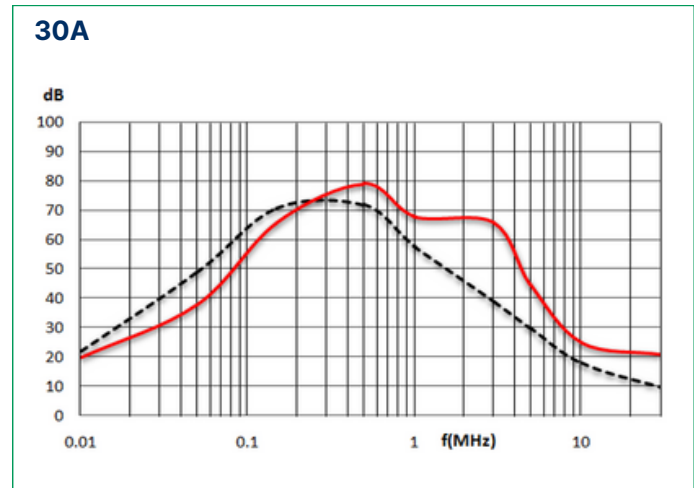
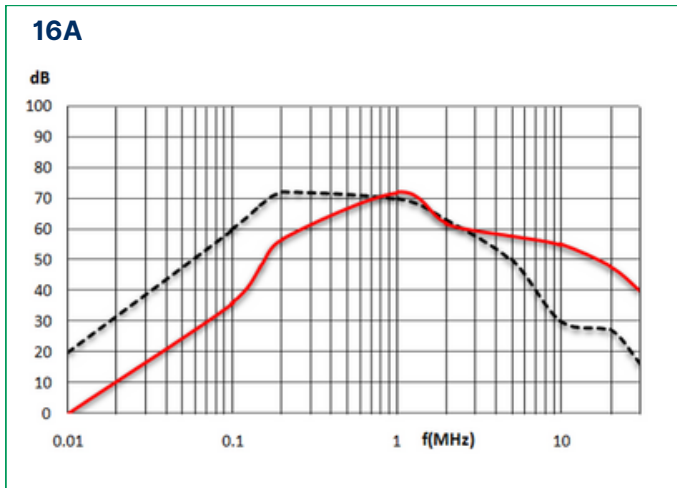
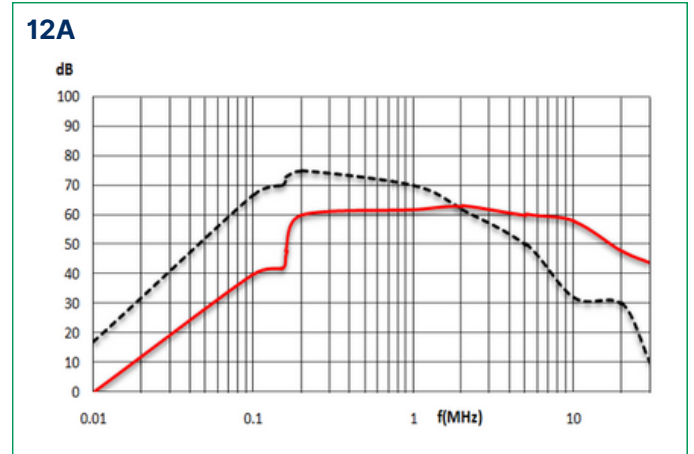
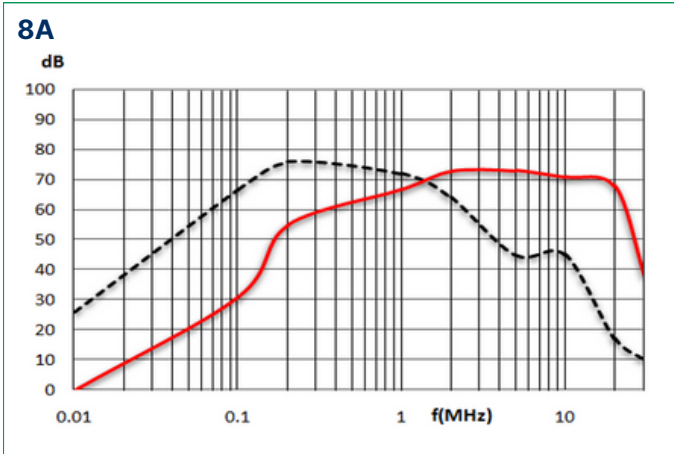
High Performance						
Model Number	Part Number	Current Rating @50°C(A)	Leakage current @ 520 VAC/ 50 Hz (mA)	Power loss @25°C / 50Hz (W)	Termination 	Min. Weight (kg)
TMF4222-8-2	E111532-1	8	19	4.4	4	0.9
TMF4222-12-2	E111533-1	12	19	4.8	4	1
TMF4222-16-2	E111534-1	16	21	8.7	4	1.5
TMF4222-30-2	E106502-1	30	21	10.7	10	2
TMF4222-42-2	E111535-1	42	30	15.7	10	2.5
TMF4222-55-2	E111536-1	55	22	24.6	16	3
TMF4222-75-2	E111537-1	75	30	38	35	5
TMF4222-100-2	E111538-1	100	21	53.3	50	6.5
TMF4222-130-2	E111539-1	130	21	71.6	50	7
TMF4222-180-2	E111540-1	180	30.8	90.3	95	11
TMF4222-250-2	E111541-1	250	36.6	128	150	15

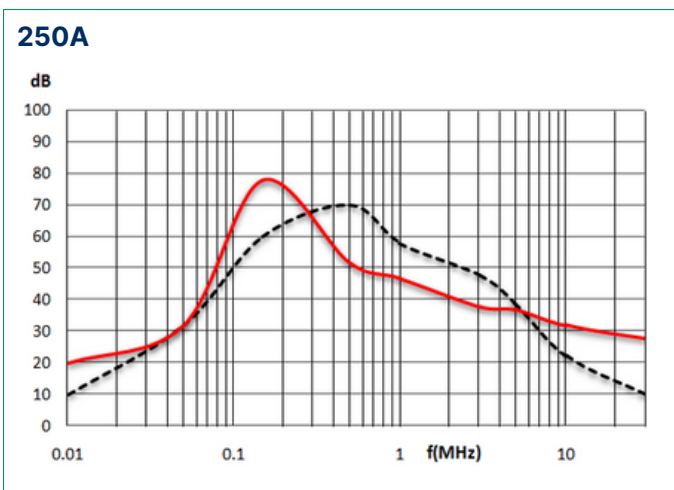
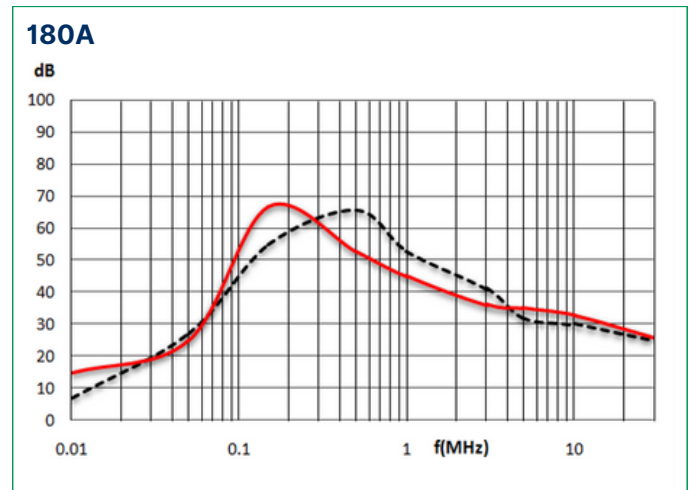
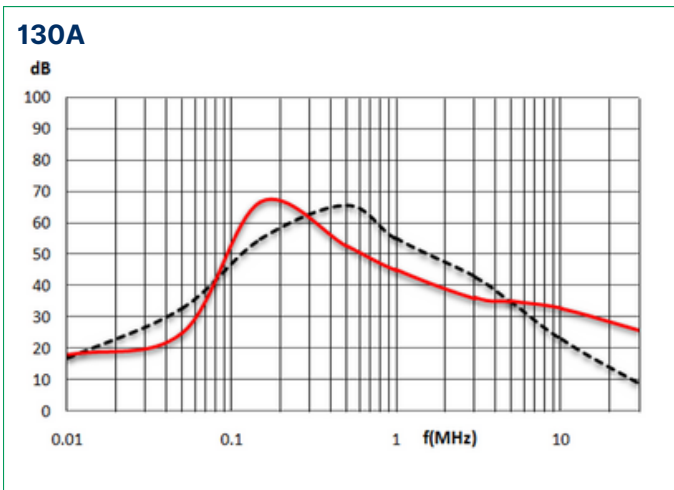
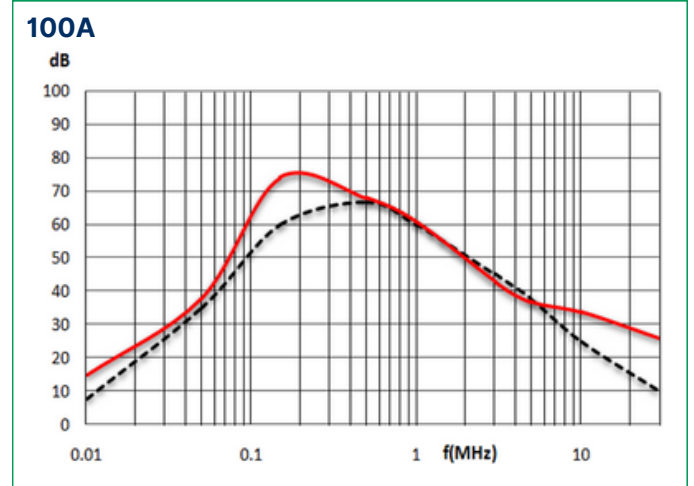
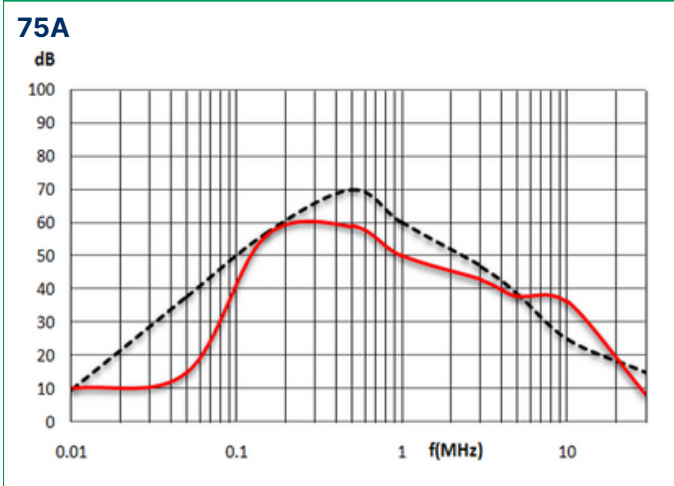
Note : Standardized leakage current calculation as per IEC60939 under normal operating conditions

Insertion Loss

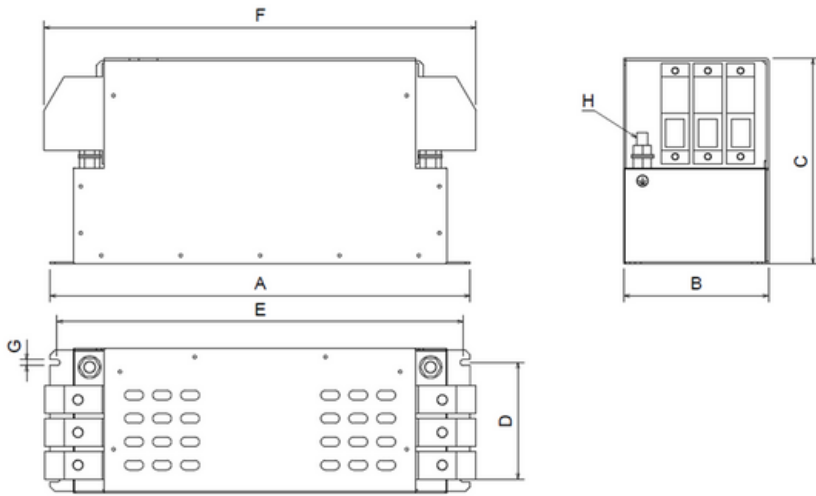
..... Common mode _____ Differential Mode

Per CISPR 17; C=50Ω/50Ω D=50Ω/50Ω

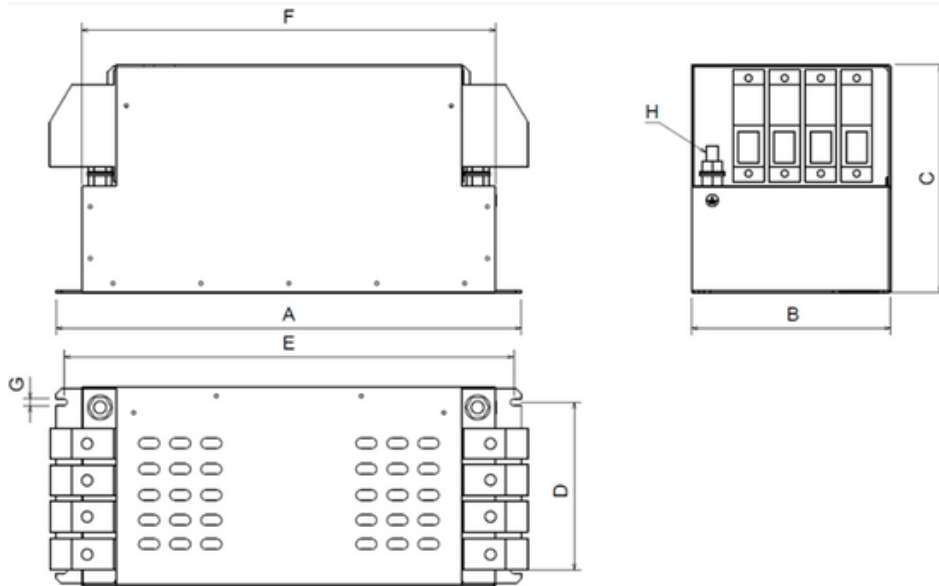




8A - 42A



55A - 250A



Termination & Torque details

Current rating(A)	8	12	16	30	42	55	75	100-130	180	250
Line & load terminal	4mm ²	4mm ²	4mm ²	10mm ²	10mm ²	16mm ²	35mm ²	50mm ²	95mm ²	150mm ²
Torque in Nm	0.5-1.0	0.5-1.0	0.5-1.0	1.2-2.0	1.2-2.0	2.0-4.0	2.0-5.0	6.0-8.0	8.0-12	14.0-20.0
Earth terminal	M5	M5	M5	M5	M6	M6	M8	M10	M10	M12
Torque in Nm	3	3	3	3	6	6	12	20	20	20

Mechanical Dimensions

Current ratings (A)	A	B	C	D	E	F	G	H
8	190	55	75	30	180	166	5.5	M5
12	220	55	75	30	210	190	5.5	M5
16	250	55	75	30	240	220	5.5	M5
30	270	70	95	45	255	240	5.5	M5
42	310	70	95	40	295	280	5.5	M6
55	250	100	95	70	235	215	5.5	M6
75	270	100	150	70	255	240	6.5	M8
100	320	115	150	85	305	285	6.5	M10
130	320	115	150	85	305	285	6.5	M10
180	380	155	180	125	365	345	6.5	M10
250	450	186	220	155	435	410	6.5	M12

All dimensions in mm ; Tolerance according to ISO 2768-C