FIN1200 / FIN1200HV - 3-PHASE FILTER

ELECTRIC CHARACTERISTICS	1200	1200 HV	1200 MP	
Nominal Voltage	0/480	0/600	0/480	VAC - 50/60 Hz
Phase to phase test voltage	2200	2700	2200	VDC (2 s)
Phase to ground test voltage	2900	3200	2900	VAC - 50Hz (2 s)
Climatic class	–25 / +85 °C			

RoHS COMPLIANT 2002/95/EC

c UL us UL1283 CSA C22.2 * S.C.C.R. In according to UL508

FIN1200 FIN1200HV	Rated current 40°C	∑Cx (µF) ± 5%	Cy1 (nF) ± 5%	L1 (mH) ± 10%	L2 (µH) ± 10%	S.C.C.R.* (kA)	Max Fuse (200kA RK5 TD)	Pow loss (W)
.005.V	5	6,6	47	7	4	5*	10A 600 Vac	5
.010.V	10	6,6	47	5	4	5*	15A 600 Vac	7
.016.V	16	60	47	2	4	5*	45A 600 Vac	14
.030.V	30	60	47	2	4	5*	50A 600 Vac	11
.050.V	50	60	47	2	4	5*	100A 600 Vac	10
.080.V	80	60	47	1,8	4	5*	175A 600 Vac	35
.100.V	110	60	47	1,5	4	5*	125A 600 Vac	42
.150.V	150	60	47	1,3	2	10*	175A 600 Vac	74
.200.V	200	60	47	0,9	2	-	250A**	90
.280.V	280	60	47	0,8	2	-	350A**	80
.280.B	280	60	47	0,8	2	-	350A**	78
.360.B	360	60	47	0,35	2	-	**	152
.500.B	500	60	47	0,35	2	-	**	196

Total leakage current at 230 V phase to ground 50 Hz / 40°C — Nominal <3mA, Worst condition <10mA

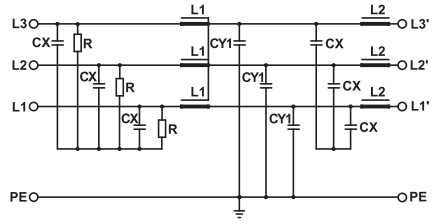
**Max 10kA should be provided by branch circuit fuse or a circuit breaker that clears the overcurrent fault within 3 cycles

FIN1200	Nominal curr at 40°C (A)	∑Cx(µF) ±10%	Cy1 (nF) ±10%	L1 (mH) +50 -30%	L2 (µH) ±20%	Case	Pow loss (W)
.005.MP	3X5	6,6	47	3X7	3X4	*	3
.010.MP	3X10	6,6	47	3X5	3X4	*	3

Total leakage current at 230 V phase to ground 50 Hz / 40°C — Nominal <3mA, Worst condition <10mA

(*) Same case to FIN538

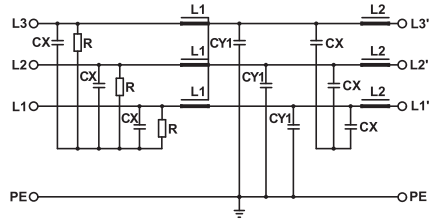
FIN1200 ELECTRIC DIAGRAM



Line Load

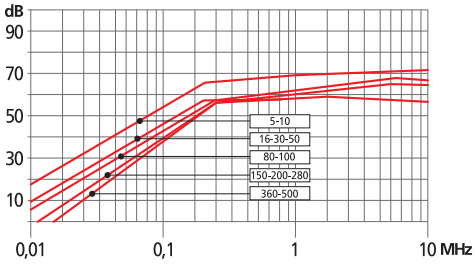
Models available with current rating up to 2000A

FIN1200HV ELECTRIC DIAGRAM

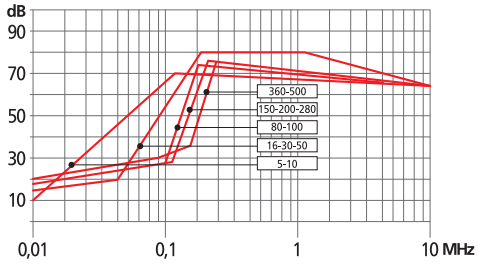


Line Load

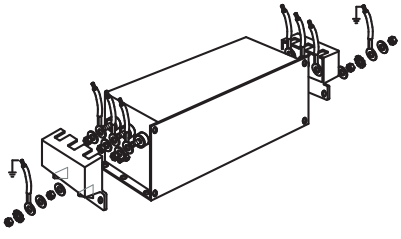
COMMON MODE ATTENUATION



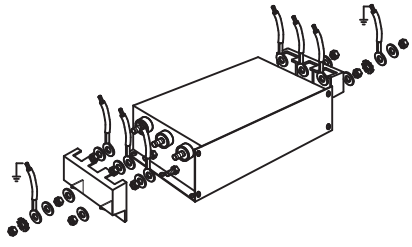
DIFFERENTIAL MODE ATTENUATION



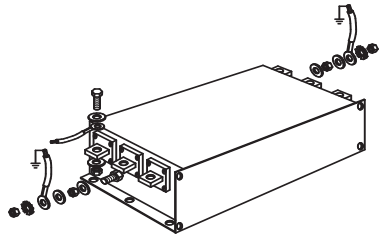
CASE 1/2/3 ASSEMBLING



CASE 4 ASSEMBLING



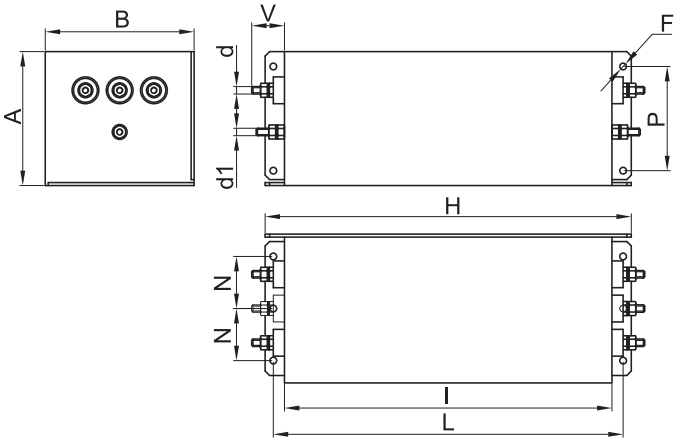
CASE 5/6/7/8 ASSEMBLING



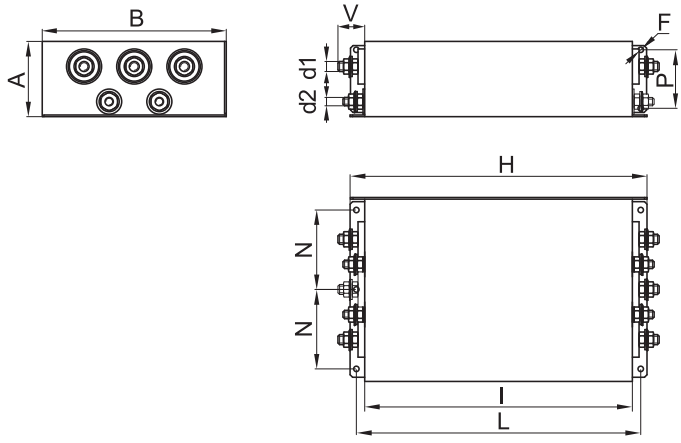
MECHANICAL DIMENSIONS (mm)

FIN1200 / FIN1200HV FIN1500 / FIN1500HV	A	B	d (ø)	d1	d2	d3	V	F	H	I	L	N	P	Weight Kg	Case
.005.V/.010.V	58	86	M4	M 4	—	—	14	4,5	186	160	176	30	40	1,7	1
.016.V/.030.V	90	100	M5	M 5	—	—	20,5	4,5	246	220	235	35	70	3,6-3,8	2
.050.V	90	100	M6	M 5	—	—	28	4,5	246	220	235	35	70	4,1	2
.080.V/.100.V	90	185	M8	M 8	—	—	25	6,5	356	320	340	77,5	70	11,7	3
.150.V/.200.V	90	220	M10	M 10	M 10	—	29	6,5	356	320	340	95	70	14,4-15,8	4
.280.V	90	220	M12	M 12	M 10	—	30	6,5	356	320	340	95	70	16,1	4
.280.B	90	220	8,5	M 12	10	25	42	6,5	356	320	340	95	70	16,9	5
.360.B	130	230	8,5	M 10	10	25	42	6,5	420	380	400	100	100	24,7	5
.500.B	130	230	10,5	M 10	15	30	48	6,5	510	450	480	100	100	30,5	6
.750.B	160	250	13,5	M 12	20	40	94	8,5	510	450	480	100	110	31	7
.1000.B	180	350	13,5	M 12	20	60	97	8,5	610	550	580	150	130	59	8
.1250.B	180	350	13,5	M 12	20	60	97	8,5	610	550	580	150	130	59	8
.1500.B	180	350	13,5	M 12	20	60	97	8,5	610	550	580	150	130	59	8
.1750.B	180	350	13,5	M 12	20	60	97	8,5	610	550	580	150	130	59	8
.2000.B	180	350	13,5	M 12	20	60	97	8,5	610	550	580	150	130	59	8

CASE 1/2/3



CASE 4



CASE 5/6/7/8