



### ELECTRIC CHARACTERISTICS

	1500	1500 HV
Nominal Voltage	0/480	0/600 V <sub>AC</sub> - 50/60 Hz
Phase to phase test voltage	2200	2700 V <sub>DC</sub> (2 s)
Phase to ground test voltage	2900	3200 V <sub>AC</sub> - 50Hz (2 s)
Climatic class	-25 / +85 °C	



UL1283 Fino a 1500 A  
CSA C22.2 Up to 1500 A

\* S.C.C.R.  
In according to UL508

FIN1500 FIN1500HV	Rated current 40°C	$\Sigma Cx$ ( $\mu F$ ) $\pm 5\%$	Cy1 (nF) $\pm 5\%$	L1 (mH) $\pm 10\%$	L2 ( $\mu H$ ) $\pm 10\%$	S.C.C.R.* (kA)	Max Fuse (200kA RK5 TD)	Pow loss (W)
.005.V	5	6,6	470	7	4	5*	10A 600 Vac	5
.010.V	10	6,6	470	5	4	5*	15A 600 Vac	7
.016.V	16	60	470	2	4	5*	45A 600 Vac	14
.030.V	30	60	470	2	4	5*	50A 600 Vac	11
.050.V	50	60	470	2	4	5*	100A 600 Vac	10
.080.V	80	60	470	1,8	4	5*	175A 600 Vac	35
.100.V	110	60	470	1,5	4	5*	125A 600 Vac	42
.150.V	150	60	470	1,3	2	10*	175A 600 Vac	74
.200.V	200	60	470	0,9	2	-	250A**	90
.280.V	280	60	470	0,8	2	-	350A**	80
.280.B	280	60	470	0,8	2	-	350A**	78
.360.B	360	60	470	0,35	2	-	**	152
.500.B	500	60	470	0,35	2	-	**	196
.750.B	750	60	470	0,23	1	-	**	98
.1000.B	1000	60	470	0,22	1	-	**	101
.1250.B	1250	60	470	0,21	1	-	**	105
.1500.B	1500	60	470	0,20	1	-	**	120
.1750.B	1750	60	470	0,20	1	-	-	130
.2000.B	2000	60	470	0,18	1	-	-	140
.2250.B	2250	60	470	0,17	1	-	-	150
.2500.B	2500	60	470	0,17	1	-	-	160

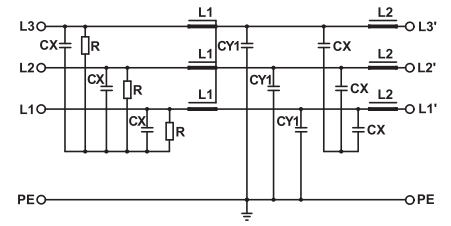
Nominal <35mA

Total leakage current at 230 V phase to ground 50 Hz / 40°C

Worst condition <105mA

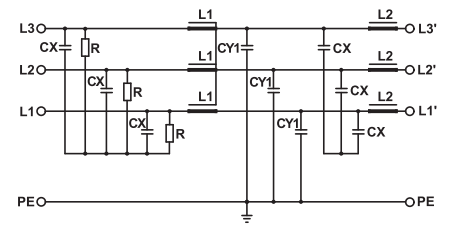
\*\*Max 10kA should be provided by branch circuit fuse or a circuit breaker that clears the overcurrent fault within 3 cycles

### FIN1500 ELECTRIC DIAGRAM



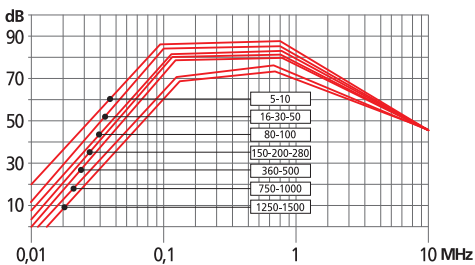
Line Load

### FIN1500HV ELECTRIC DIAGRAM

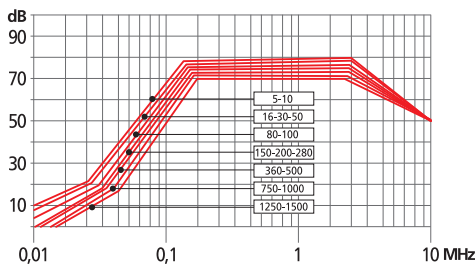


Line Load

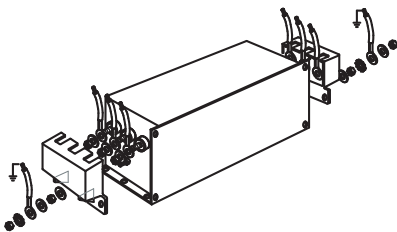
### COMMON MODE ATTENUATION



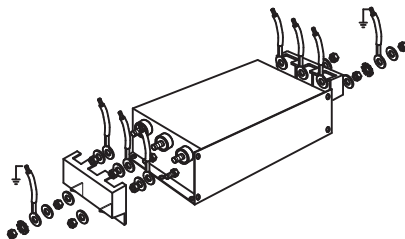
### DIFFERENTIAL MODE ATTENUATION



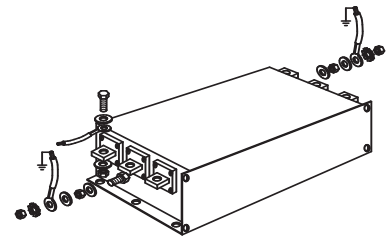
### CASE 1/2/3 ASSEMBLING



### CASE 4 ASSEMBLING

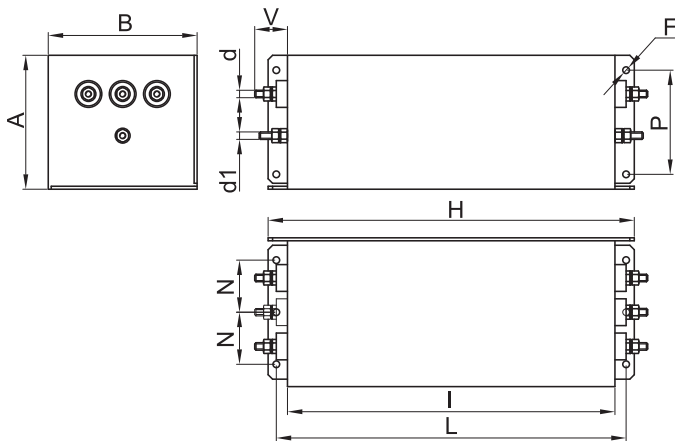
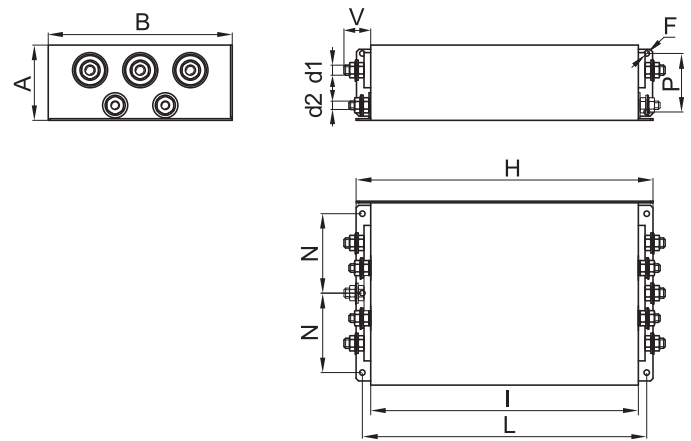


### CASE 5/6/7/8 ASSEMBLING



**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
.2250.B	180	350	13,5	M 12	20	60	97	8,5	610	550	580	150	130	59	8
.2500.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**
