



### ELECTRIC CHARACTERISTICS

Nominal voltage	0/600 V <sub>Ac</sub> - 50/60 Hz
Phase to phase test voltage	2400 V <sub>Dc</sub> (2 s)
Phase to ground test voltage	3200 V <sub>Dc</sub> (2 s)
Climatic class	- 40 / +85 °C

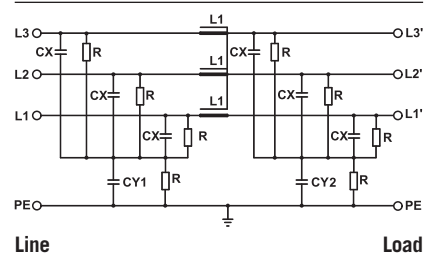
RoHS

FIN539S	Rated Current (A) 40°C (50°C)	Σ Cx (μF) ± 5%	Cy1 (nF) ± 5%	Cy2 (nF) ± 5%	L1 (mH) ± 10%	Power Loss (W)
.400.B	420 (400)	60	1000	1000	0.6	92
.500.B	525 (500)	60	1000	1000	0.6	102
.600.B	630 (600)	60	1000	1000	0.55	82
.750.B	790 (750)	60	1000	1000	0.5	95
.900.B	945 (900)	60	1000	1000	0.5	105
.1000.B	1050 (1000)	60	1000	1000	0.45	92
.1250.B	1300 (1250)	60	1000	1000	0.43	98
.1500.B	1550 (1500)	60	1000	1000	0.43	108
.1750.B	1800 (1750)	60	1000	1000	0.4	105
.2000.B	2100 (2000)	60	1000	1000	0.4	92
.2250.B	2350 (2250)	60	1000	1000	0.4	98
.2500.B	2650 (2500)	60	1000	1000	0.4	108

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

Nominal <10mA  
Worst condition <80mA

### ELECTRIC DIAGRAM



Vertical bus-bar connections available upon request

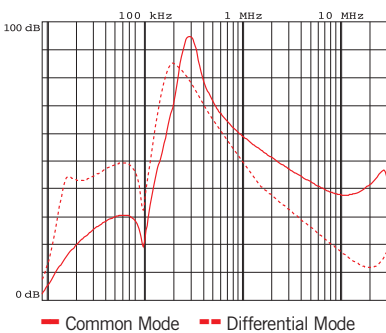
### MECHANICAL DIMENSIONS (mm)

FIN539S	A	B	C	d2	d3	V	F	H	I	L	N	P	S	Weight Kg	Case
.400.B	130	230	150	10	25	42	6.5	420	380	400	100	100	85	13.5	1
.500.B	130	230	150	10	25	42	6.5	420	380	400	100	100	85	13.5	1
.600.B	130	230	150	15	30	48	6.5	510	450	480	100	100	85	19	2
.750.B	130	230	150	15	30	48	6.5	510	450	480	100	100	85	19	2
.900.B	130	230	150	15	30	48	6.5	510	450	480	100	100	85	19	2
.1000.B	160	250	140	20	40	94	8.5	510	450	480	100	110	110	27	3
.1250.B	160	250	140	20	40	94	8.5	510	450	480	100	110	110	27	3
.1500.B	160	250	140	20	40	94	8.5	510	450	480	100	110	110	27	3
.1750.B	180	350	200	20	60	97	8.5	610	550	580	150	130	117	32	4
.2000.B	180	350	200	20	60	97	8.5	610	550	580	150	130	117	32	4
.2250.B	180	350	200	20	60	97	8.5	610	550	580	150	130	117	32	4
.2500.B	180	350	200	20	60	97	8.5	610	550	580	150	130	117	32	4

### CONNECTION

d (mm)	Line Torque (Nm)	Ground Torque (Nm)
M8	14	M10 18
M8	14	M10 18
M8	14	M10 18
M10	25	M10 18
M10	25	M10 18
M12	50	M12 20
M12	50	M12 20
M12	50	M12 20
M12	50	M12 20
M12	50	M12 20
M12	50	M12 20
M12	50	M12 20

### TYPICAL ATTENUATION



### CASE 1/2/3/4

