



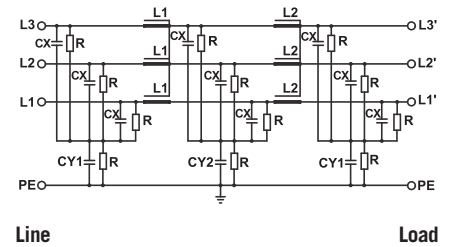
### ELECTRIC CHARACTERISTICS

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



FIN1900S	Rated Current 40°C (50°C)	$\Sigma Cx$ ( $\mu F$ ) $\pm 5\%$	Cy1 (nF) $\pm 5\%$	Cy2 (nF) $\pm 5\%$	L1 (mH) $\pm 10\%$	L2 (mH) $\pm 10\%$	Pow Loss (W)
.042.M	50 (42)	60	1000	100	1.1	1.1	32
.055.M	63 (55)	60	1000	100	1.1	1.1	37
.070.M	80 (70)	60	1000	100	1	1	52
.080.M	90 (80)	60	1000	100	1	1	60
.100.M	110 (100)	60	1000	100	0.9	0.9	92
.115.M	130 (115)	60	1000	100	0.8	0.8	101
.150.M	175 (150)	60	1000	100	0.7	0.7	115
.200.M	230 (200)	60	1000	100	0.6	0.6	120

### FIN1900S ELECTRIC DIAGRAM



Total leakage current at 230 V phase to ground 50 Hz / 40°C  
**Nominal <15mA**  
**Worst condition <150mA**

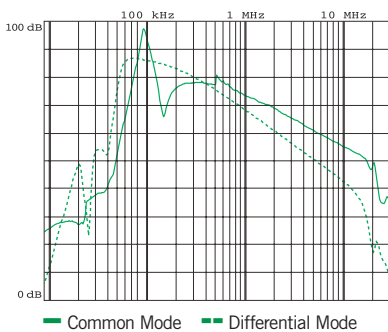
### MECHANICAL DIMENSIONS (mm)

FIN1900S	A	B	V	V1	F	H	I	L	N	d	Weight Kg
.042.M	177	70	19	25	6	295	265	8	44	M6	3.4
.055.M	177	70	19	33	6	295	265	8	44	M6	3.5
.070.M	205	80	28	38	8	390	340	12	53	M10	6
.080.M	205	80	28	38	8	390	340	12	53	M10	6
.100.M	205	80	28	43	8	390	340	12	53	M10	7.1
.115.M	205	80	28	43	8	390	340	12	53	M10	7.1
.150.M	220	105	28	50	8	420	370	12	78	M10	8
.200.M	220	105	28	50	8	420	370	12	78	M10	8

### CONNECTION

Rigid Cable (mm <sup>2</sup> )	Flexible Cable (mm <sup>2</sup> )	Torque (Nm)
0.5 - 16	0.5 - 10	1.8
0.5 - 16	0.5 - 10	1.8
6 - 35	4 - 25	4.5
6 - 35	4 - 25	4.5
10 - 50	10 - 50	4
10 - 50	10 - 50	4
35 - 95	35 - 95	20
35 - 95	35 - 95	20

### TYPICAL ATTENUATION



### CASE

