



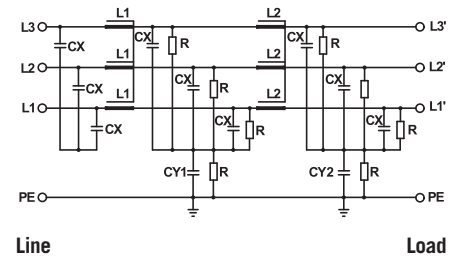
ELECTRIC CHARACTERISTICS

Nominal voltage	0/480 V _{Ac} - 50/60 Hz
Phase to phase test voltage	2200 V _{Dc} (2 s)
Phase to ground test voltage	2900 V _{Dc} (2 s)
Climatic class	- 40 / +85 °C

RoHS

FIN1600	Rated Current 40°C (50°C)	ΣCx (μF) $\pm 5\%$	Cy1 (nF) $\pm 5\%$	Cy2 (nF) $\pm 5\%$	L1 (mH) $\pm 10\%$	L2 (mH) $\pm 10\%$	Power Loss (W)
.007.M	7 (5)	15	1000	470	1.2	2.7	6
.013.M	13 (11)	15	1000	470	1.2	2.7	10
.018.M	18 (16)	15	1000	470	1.2	2.7	12
.034.M	34 (30)	15	1000	470	1.1	2.2	24
.055.M	55 (50)	15	1000	1000	1.1	2.2	27
.090.M	90 (80)	15	1000	1000	1	1.1	37
.110.M	110 (100)	15	1000	1000	0.9	1.1	67
.160.M	160 (150)	15	1000	1000	0.9	1	100
.200.M	200 (180)	15	1000	1000	0.8	1	93

ELECTRIC DIAGRAM



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

Nominal <10mA
Worst condition <130mA

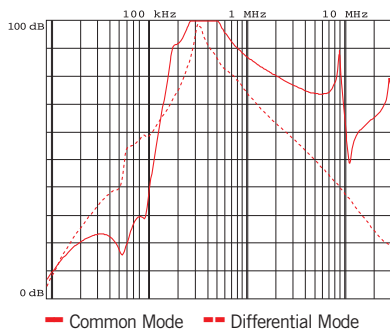
MECHANICAL DIMENSIONS (mm)

FIN1600	A	B	V	V1	F	H	I	L	N	d	Weight Kg
.007.M	126	50	19	11	6.5	255	225	7.5	25	M5	1.6
.013.M	126	50	19	11	6.5	255	225	7.5	25	M5	1.6
.018.M	143	55	19	11	6.5	305	276	7.5	30	M5	2.2
.034.M	150	60	19	16	6.5	335	305	7.5	35	M5	2.7
.055.M	185	70	18	33	6.5	329	300	7.5	45	M6	4.7
.090.M	220	80	18	39	6.5	329	300	7.5	55	M6	5.5
.110.M	220	90	28	43	6.5	379	350	7.5	65	M10	7.7
.160.M	240	110	28	43	6.5	439	400	12.5	65	M10	11
.200.M	240	110	28	50	6.5	439	400	12.5	65	M10	12

CONNECTION

Rigid Cable (mm ²)	Flexible Cable (mm ²)	Torque (Nm)
0.2 - 6	0.2 - 4	0.5
0.2 - 6	0.2 - 4	0.5
0.2 - 6	0.2 - 4	0.5
0.2 - 10	0.2 - 6	1.2
0.5 - 16	0.5 - 10	1.8
4 - 25	6 - 35	4.5
10 - 50	10 - 50	4
10 - 50	10 - 50	4
35 - 95	35 - 95	20

TYPICAL ATTENUATION



CASE

