FIN1240

Three Phase + Neutral Filter

ELECTRIC CHARACTERISTICS

Nominal voltage	**0/480 VAC - 50/60 Hz**
Phase to phase test voltage	**2200 VDC (2 s)**
Phase to ground test voltage	**2900 VDC (2 s)**
Climatic class	**– 40 / +85 °C**

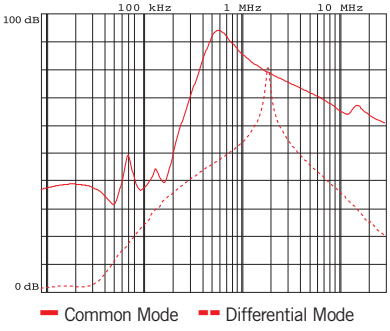
RoHS

c UL us UL1283 CSA C22.2 E215863

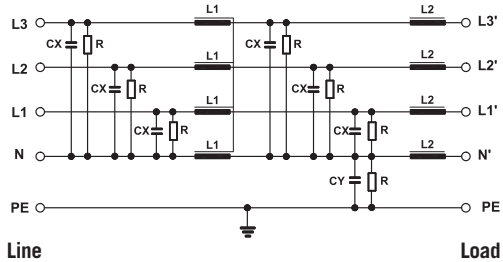
FIN1240	Rated Current 40°C (50°C)	∑Cx(µF) ±10%	Cy (nF) ±10%	L1 (mH) ±10%	L2 (µH) ±20%	Power Loss (W)
.005.M	6 (5)	14	47	7	4	5
.010.M	12 (10)	14	47	5	4	7
.016.M	18 (16)	60	47	2	4	14
.030.M	34 (30)	60	47	2	4	11
.050.M	54 (50)	60	47	2	4	10
.080.M	85 (80)	60	47	1.8	4	35
.100.M	106 (100)	60	47	1.5	4	42
.150.M	155 (150)	60	47	1.3	2	74
.200.V	206 (200)	60	47	0.65	2	75
.360.B	370 (360)	60	47	0.25	—	96
.500.B	515 (500)	60	47	0.2	—	101
.750.B	770 (750)	60	47	0.2	—	103
.1000.B	1050 (1000)	60	47	0.18	—	115
Total leakage current at 230 V phase to ground 50 Hz / 40°C						**Nominal <3mA Worst condition <10mA**

Models available with current ratings up to 2000A

TYPICAL ATTENUATION



ELECTRIC DIAGRAM



MECHANICAL DIMENSIONS (mm)

FIN1240	A	B	V	V1	F	H	I	L	N	d1	P	Weight Kg	Case
.005.M	58	86	19	11	4.5	186	160	176	30	M4	40	1.5	1
.010.M	58	86	19	11	4.5	186	160	176	30	M4	40	1.5	1
.016.M	90	100	19	15	4.5	246	220	235	35	M5	70	2	2
.030.M	90	100	19	15	4.5	246	220	235	35	M5	70	2.5	2
.050.M	90	100	20	25	4.5	246	220	235	35	M6	70	3	3
.080.M	90	185	25	38	6.5	356	320	340	77.5	M8	70	12	4
.100.M	90	185	25	38	6.5	356	320	340	77.5	M8	70	13	4
.150.M	90	220	28	42	6.5	356	320	340	95	M10	70	15	5

CONNECTION

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

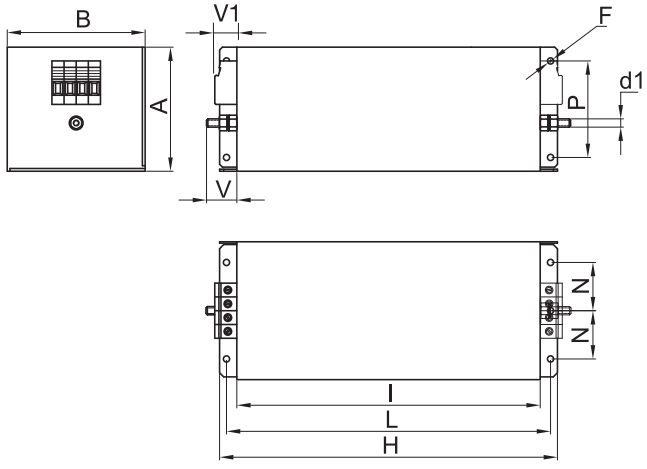
MECHANICAL DIMENSIONS (mm)

FIN1240	A	B	C	d2	d3	V	F	H	I	L	N	P	S	Weight Kg	Case
.200.V	90	220	120	-		30	6.5	356	320	340	95	70	60	20	6
.360.B	130	230	150	10	25	42	6.5	420	380	400	100	100	90	27	7
.500.B	130	230	150	15	30	48	6.5	510	450	480	100	100	90	33.5	8
.750.B	160	250	140	20	40	94	8.5	510	450	480	100	110	110	37	9
.1000.B	210	350	200	20	60	97	8.5	610	550	580	150	160	147	55	10

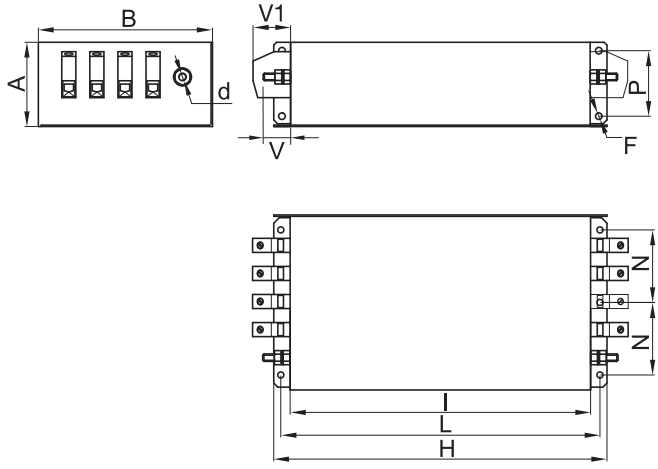
CONNECTION

Line d (mm)	Line Torque (Nm)	Ground d1(mm)	Ground Torque (Nm)
M10	18	M10	18
M8	14	M10	18
M10	25	M10	18
M12	50	M12	20
M12	50	M12	20

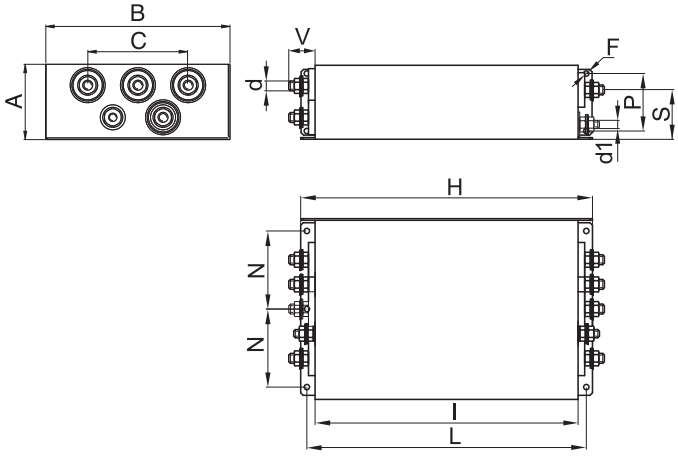
CASE 1/2/3



CASE 4/5



CASE 6



CASE 7/8/9/10