



CARATTERISTICHE ELETTRICHE / Electric characteristics

Tensione Nominale - <i>Nominal Voltage</i>	0/600 V_{ac} - 50/60 Hz
Tensione di prova fase/fase - <i>Phase to phase test voltage</i>	3300 V_{dc} (2 s)
Tensione di prova fase/terra - <i>Phase to ground test voltage</i>	3100 V_{dc} (2 s)
Categoria climatica - <i>Climatic class</i>	-25 / +85 °C



UL1283
CSA C22.2

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

FIN538S1	Rated current 40°C (50°C)	ΣCx (μF) $\pm 5\%$	Cy1 (nF) $\pm 5\%$	Cy2 (nF) $\pm 5\%$	L1 (mH) $\pm 10\%$	S.C.C.R.* (kA)	Max Fuse (200kA RK5 TD)	Pot diss (W) <i>Pow loss (W)</i>
.007.M	8 (7)	20	1000	1000	1.5	5*	10A 600 Vac	3
.016.M	18 (16)	20	1000	1000	1.5	5*	45A 600 Vac	4
.030.M	34 (30)	60	1000	1000	1.4	5*	50A 600 Vac	10
.042.M	47 (42)	60	1000	1000	1.3	5*	90A 600 Vac	18
.055.M	60 (55)	60	1000	1000	1.2	5*	100A 600 Vac	23
.075.M	83 (75)	60	1000	1000	1.1	5*	175A 600 Vac	37
.100.M	110 (100)	60	1000	1000	1.1	5*	125A 600 Vac	52
.130.M	142 (130)	60	1000	1000	1	10*	175A 600 Vac	65
.180.M	200 (180)	60	1000	1000	1	-	250A**	77
.250.V	272 (250)	60	1000	1000	0.7	-	350A**	80
.360.B	390 (360)	60	1000	1000	0.6	-	**	105
.400.B	435 (400)	60	1000	1000	0.6	-	**	110
.500.B	545 (500)	60	1000	1000	0.55	-	**	102
.600.B	654 (600)	60	1000	1000	0.55	-	**	108
.750.B	800 (750)	60	1000	1000	0.5	-	**	96
.1000.B	1050 (1000)	60	1000	1000	0.45	-	**	115
.1250.B	1290 (1250)	60	1000	1000	0.45	-	**	101
.1500.B	1550 (1500)	60	1000	1000	0.45	-	**	120

Corrente di fuga totale a 230 V fase verso terra a 50 Hz / 40°C
Total leakage current at 230 V phase to ground 50 Hz / 40°C

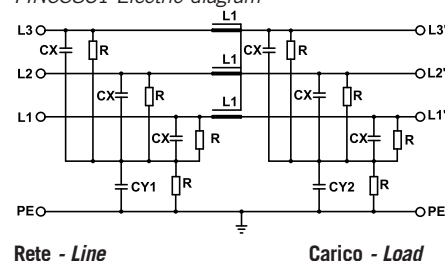
Nominale/Nominal <10mA

Condizione peggiore/Worst condition <80mA

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

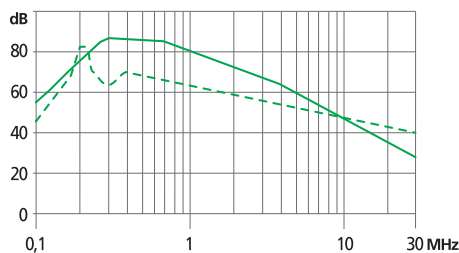
SCHEMA ELETTRICO FIN538S1

FIN538S1 Electric diagram



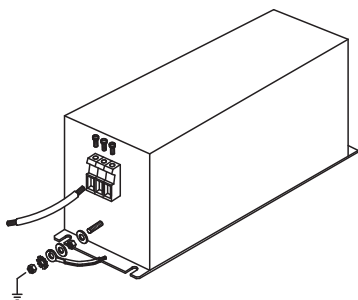
ATTENUAZIONE / Insertion loss

Common Mode Differential Mode



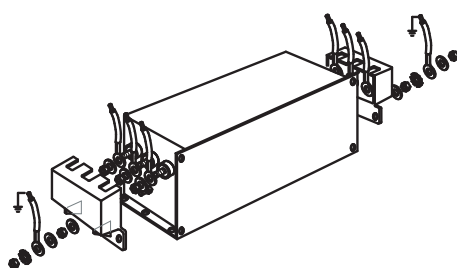
ASSEMBLAGGIO CUSTODIA 1

Case 1 Assembling



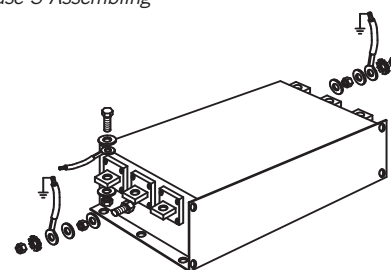
ASSEMBLAGGIO CUSTODIA 2

Case 2 Assembling



ASSEMBLAGGIO CUSTODIA 3

Case 3 Assembling



DIMENSIONI MECCANICHE (mm) / Mechanical dimensions (mm)

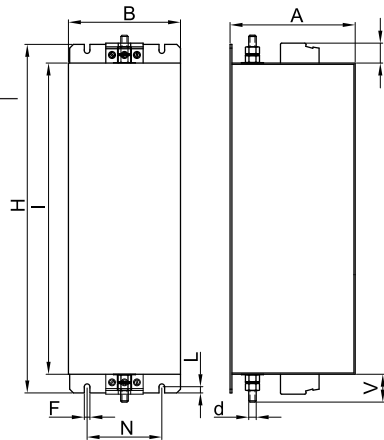
FIN538S1	A	B	V	V1	F	H	I	L	N	d	Peso Kg Weight Kg
.007.M	100	90	22	16	5,4	250	220	7,5	60	M6	1,3
.016.M	100	90	22	16	5,4	250	220	7,5	60	M6	1,3
.030.M	100	90	22	16	5,4	250	220	7,5	60	M6	1,3
.042.M	100	90	22	35	5,4	250	220	7,5	60	M6	1,5
.055.M	100	90	22	35	5,4	250	220	7,5	60	M6	1,7
.075.M	135	85	22	37	6,5	270	240	7,5	60	M6	2,2
.100.M/.130.M	155	90	23,5	43	6,5	270	240	7,5	65	M10	3,2
.180.M	170	125	26	51	6,5	380	350	7,5	102	M10	5,1

DATI DI COLLEGAMENTO (mm²) / Terminal Block (mm²)

Morsetto Terminals	Cavo rigido Rigid Cable	Cavo flessibile Flexible Cable
K6	0.2 - 10	0.2 - 6
K6	0.2 - 10	0.2 - 6
K6	0.2 - 10	0.2 - 6
K10	0.5 - 16	0.5 - 10
K10	0.5 - 16	0.5 - 10
K25	6 - 35	10 - 25
K50	16 - 50	16 - 50
K95	25 - 95	35 - 95

CUSTODIA 1

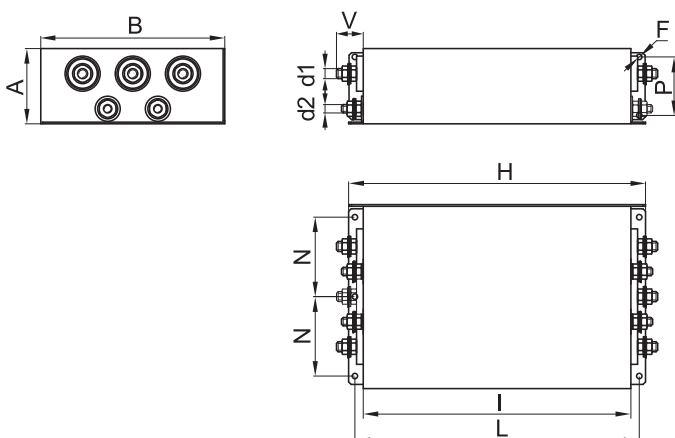
Case 1



FIN538S1	A	B	d (ø)	d1	d2	d3	V	F	H	I	L	N	P	Peso Kg Weight Kg	Custodia Case
.250.V	90	220	—	M 12	M 10	—	30	6,5	355	320	340	95	70	16	2
.360.B	130	230	8,5	M 10	10	25	42	6,5	420	380	400	100	100	23,5	3
.400.B	130	230	8,5	M 10	10	25	42	6,5	420	380	400	100	100	24,7	3
.500.B	130	230	10,5	M 10	15	30	48	6,5	510	450	480	100	100	30,5	3
.600.B	130	230	10,5	M 10	15	30	48	6,5	510	450	480	100	100	31	3
.750.B	160	250	14	M 12	20	40	94	8,5	510	450	480	100	110	31	3
.1000.B	160	250	14	M 12	20	40	94	8,5	510	450	480	100	110	35	3
.1250.B	180	350	14	M 12	20	60	97	8,5	610	550	580	150	130	55	3
.1500.B	180	350	14	M 12	20	60	97	8,5	610	550	580	150	130	55	3

CUSTODIA 2

Case 2


CUSTODIA 3

Case 3

