



CARATTERISTICHE ELETTRICHE / Electric characteristics

Tensione Nominale - Nominal Voltage	0/600 V_{ac} - 50/60 Hz
Tensione di prova fase/fase - Phase to phase test voltage	2700 V_{dc} (2 s)
Tensione di prova fase/terra - Phase to ground test voltage	3200 V_{dc} (2 s)
Categoria climatica - Climatic class	-25 / +85 °C



UL1283

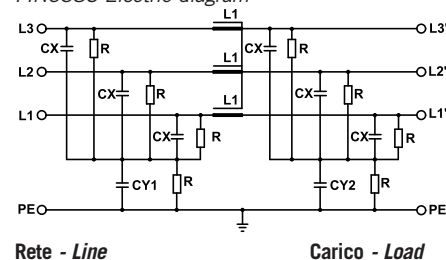
CSA C22.2

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

FIN538S	Rated current 40°C (50°C)	ΣCx (µF) ± 5%	Cy1 (nF) ± 5%	Cy2 (nF) ± 5%	L1 (mH) ± 10%	S.C.C.R. (kA)	Max Fuse (200kA RK5 TD)	Pot. diss. (W) Power loss (W)
.007.M	8 (7)	20	1000	100	1.5	5*	10A 600 Vac	3
.016.M	18 (16)	20	1000	100	1.5	5*	45A 600 Vac	4
.030.M	34 (30)	60	1000	100	1.4	5*	50A 600 Vac	10
.042.M	47 (42)	60	1000	100	1.3	5*	90A 600 Vac	18
.055.M	60 (55)	60	1000	100	1.2	5*	100A 600 Vac	23
.075.M	83 (75)	60	1000	100	1.1	5*	175A 600 Vac	37
.100.M	110 (100)	60	1000	100	1.1	5*	125A 600 Vac	52
.130.M	142 (130)	60	1000	100	1	10*	175A 600 Vac	65
.180.M	200 (180)	60	1000	100	1	-	250A**	77

SCHEMA ELETTRICO FIN538S

FIN538S Electric diagram



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

DIMENSIONI MECCANICHE (mm) / Mechanical dimensions (mm)

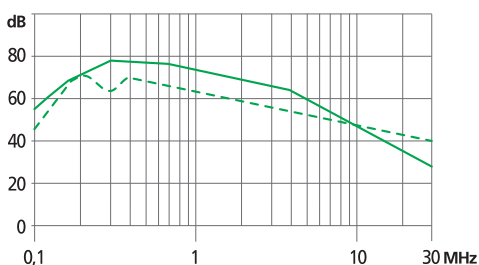
FIN538S	A	B	V	V1	F	H	I	L	N	d	Peso Kg Weight Kg
.007.M	100	90	22	16	5,4	250	220	7,5	60	M6	1,3
.016.M	100	90	22	16	5,4	250	220	7,5	60	M6	1,3
.030.M	100	90	22	16	5,4	250	220	7,5	60	M6	1,3
.042.M	100	90	22	35	5,4	250	220	7,5	60	M6	1,5
.055.M	100	90	22	35	5,4	250	220	7,5	60	M6	1,7
.075.M	135	85	22	37	6,5	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

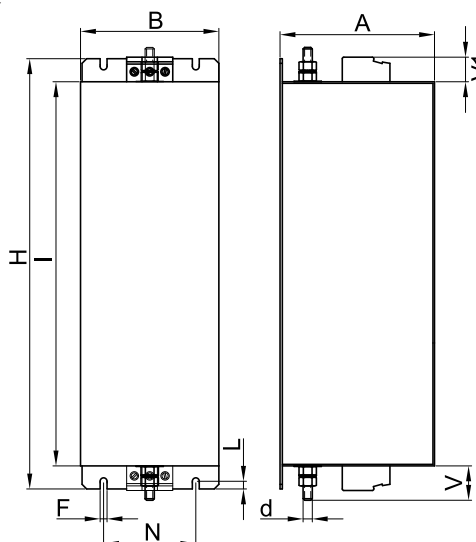
ATTENUAZIONE / Insertion loss

— Common Mode - - - Differential Mode



CUSTODIA

Case



ASSEMBLAGGIO

Assembling

