



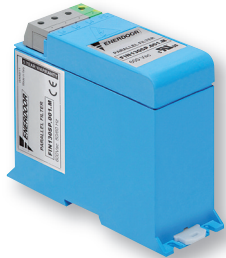
## EMI/RFI Parallel filter with excellent attenuation in low frequency range

Datasheet 3/2017

### APPROVALS:



UL1283  
CSA C22.2



**FIN130SP.001.M**



**FIN230SP.001.M**



**FIN735.001.M**

### FEATURES

- Independent from nominal current
- Low leakage current
- DIN rail or panel mounting
- Excellent attenuation in low frequency range

### BENEFITS

- 5 Year warranty
- High differential and common mode attenuation
- Compact design
- Easy installation

### MARKETS

- CNC machines
- Recharging stations
- Multiple drive applications
- Renewable energy

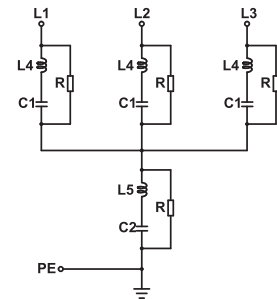
### ORDERING CODE

FIN 230SP .001 .M  
Model Connection  
M = Terminal Blocks

### ATTENUATION INDICATOR



### ELECTRIC DIAGRAM



### TECHNICAL SPECIFICATIONS

Nominal voltage	See Electrical Characteristics
Frequency	50 – 60 Hz
Rated current	Unlimited
Potential test voltage phase to phase	2400 Vdc (2 sec.)
Potential test voltage phase to ground	3200 Vdc (2 sec.)
Leakage current normal conditions	< 25 mA *
Leakage current worst conditions	< 70 mA
IP Protection	IP20
Climatic class	-40 / +85° C
MTBF at 40°C	250.000 Hrs

\* Voltage 230 Vac phase to ground 50H / 40°C

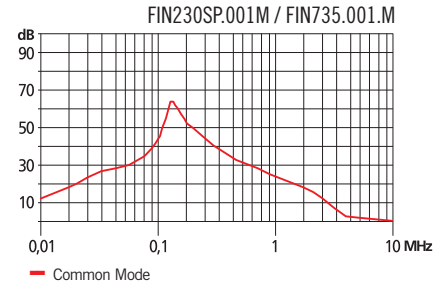
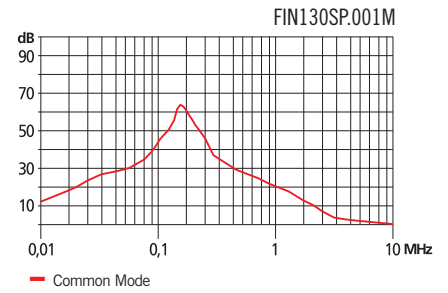
### ELECTRICAL CHARACTERISTICS

Model	Nominal Voltage AC (Vac)	Nominal Voltage DC (Vdc)	Power Loss (W)
FIN130SP.001.M	600	1000	10
FIN230SP.001.M	600	1000	10
FIN735.001.M	650	1100	10

### CONNECTIONS

Solid Cable (mm <sup>2</sup> )	LINE		PE
	Stranded Cable (mm <sup>2</sup> )	Terminal Block Torque (Nm)	Torque (Nm)
1 - 4	1 - 4	1.8	1.8
1 - 4	1 - 4	1.8	1.8
1 - 4	1 - 4	1.8	1.8

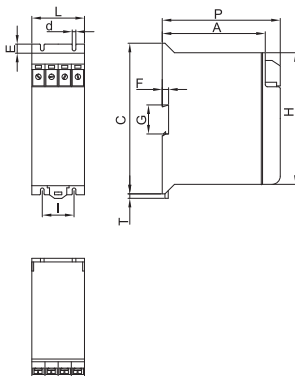
### TYPICAL ATTENUATION



### MECHANICAL DIMENSIONS mm

Model	L	d	E	I	P	A	C	T	G	F	H	Weight Kg.	Case
FIN130SP.001.M	59	4.5	10	35	130	112	166	4	37.5	7	146	1.15	1
FIN230SP.001.M	59	4.5	10	35	130	112	166	4	37.5	7	146	1.15	1
FIN735.001.M	59	4.5	10	35	130	112	166	4	37.5	7	146	1.15	1

### CASE 1



### ASSEMBLY CONNECTION "M"

