



## EMI/RFI Filter with high attenuation for industrial and residential applications

Datasheet 3/2017

### APPROVALS:



FIN60.(001 – 006).VF

### FEATURES

- Rated current from 1 to 6A
- Very low leakage current
- Compact design

### BENEFITS

- 5 Year warranty
- High differential and common mode attenuation
- Easy installation
- Suitable for medical applications

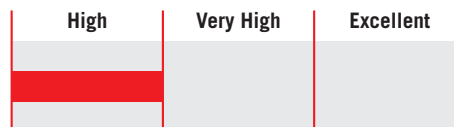
### MARKETS

- Instrumentation
- Vending machines
- Printing machines
- Medical equipment

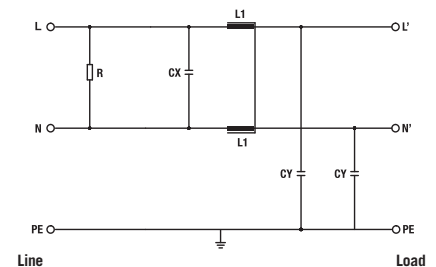
### ORDERING CODE

FIN60 .006 .VF  
 Model Current (A) Connection  
 VF = Faston

### ATTENUATION INDICATOR



### ELECTRIC DIAGRAM



### TECHNICAL SPECIFICATIONS

Nominal voltage	0 / 250 Vac
Frequency	50 – 60 Hz
Rated current	1 to 6A
Potential test voltage phase to phase	1450 Vdc (2 sec.)
Potential test voltage phase to ground	2150 Vdc (2 sec.)
Leakage current normal conditions	< 1 mA *
Leakage current worst conditions	< 3 mA
IP Protection	IPO0
Overload capability	4 x Rated current (Switch ON) 2 x In 10 seconds 1.5 In for 10 minutes
Climatic class	-40 / +85° C
MTBF at 40°C	250.000 Hrs

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

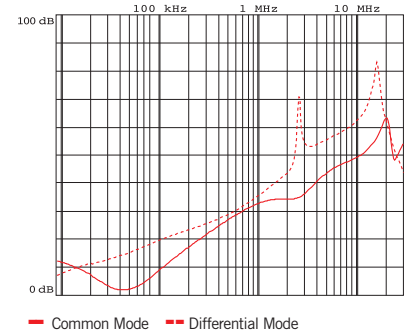
### ELECTRICAL CHARACTERISTICS

FIN60	Rated Current 40°C	Rated Current 50°C	Power Loss (W)
.001.VF	1	0.7	1
.003.VF	3	2.4	2
.006.VF	6	4	3

### CONNECTIONS

LINE			PE
Solid Cable (mm <sup>2</sup> )	Stranded Cable (mm <sup>2</sup> )	Terminal Block Torque (Nm)	Torque (Nm)
0.2 - 6	0.5 - 4	-	-
0.2 - 6	0.5 - 4	-	-
0.2 - 6	0.5 - 4	-	-

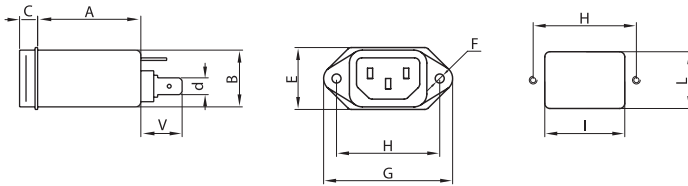
### TYPICAL ATTENUATION



### MECHANICAL DIMENSIONS mm

FIN60	A	B	V	F	H	I	L	C	E	G	d	Weight Kg.	Case
.001.VF	40	22	14	3.5	40	31	23	7	24	50	6.5	0.10	1
.003.VF	40	22	14	3.5	40	31	23	7	24	50	6.5	0.10	1
.006.VF	40	22	14	3.5	40	31	23	7	24	50	6.5	0.11	1

### CASE 1



### ASSEMBLY CONNECTION "VF"

