



EMI/RFI Filter with excellent attenuation for industrial applications

Datasheet 3/2019

APPROVALS:

FIN57.(006 – 016).F
FEATURES

- Rated current from 6 to 25A
- Low leakage current
- Excellent performance

BENEFITS

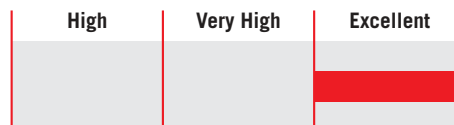
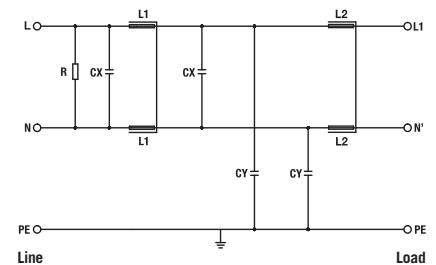
- 5 Year warranty
- Excellent differential and common mode attenuation
- Compact design

MARKETS

- Packaging machinery
- Renewable energy
- CNC machinery
- Printing machinery

ORDERING CODE

FIN57	.016	.F
Model	Current (A)	Connection
		F = Faston
		V = Screw


FIN57.025.V
ATTENUATION INDICATOR

ELECTRIC DIAGRAM

TECHNICAL SPECIFICATIONS

Nominal voltage	0 / 250 Vac
Frequency	50 – 60 Hz
Rated current	6 to 25A
Potential test voltage phase to phase	1750 Vdc (2 sec.)
Potential test voltage phase to ground	2150 Vdc (2 sec.)
Leakage current normal conditions	< 2.2 mA *
Leakage current worst conditions	< 7 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

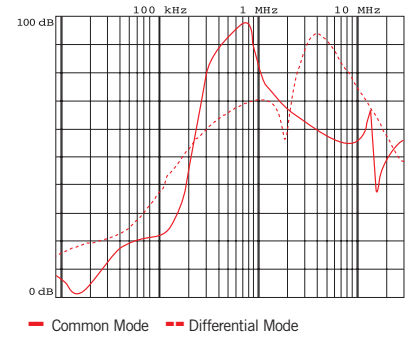
ELECTRICAL CHARACTERISTICS

FIN57	Rated Current 40°C	Rated Current 50°C	Power Loss (W)
.006.F	6	4	2
.010.F	10	7	2.7
.016.F	16	12	5
.025.V	25	20	6

CONNECTIONS

LINE			PE	
Solid Cable (mm ²)	Stranded Cable (mm ²)	Terminal Torque (Nm)	d1 (mm)	Torque (Nm)
0.2 - 6	0.5 - 4	-	-	-
0.2 - 6	0.5 - 4	-	-	-
0.2 - 6	0.5 - 4	-	-	-
-	-	-	M4	3

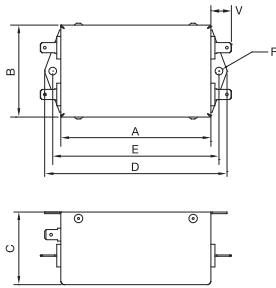
TYPICAL ATTENUATION



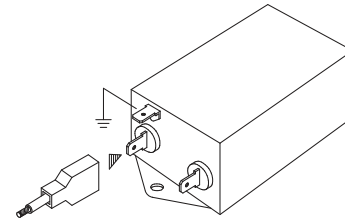
MECHANICAL DIMENSIONS mm

FIN57	A	B	C	D	E	F	G	V	d	d1	Weight Kg.	Case
.006.F	93	57	45	113	103	4.75	-	12.7	6.3	-	0.45	1
.010.F	93	57	45	113	103	4.75	-	12.7	6.3	-	0.47	1
.016.F	98.5	85.5	57.6	119	109	4.4	51	12.7	6.3	-	0.59	2
.025.V	130.5	56	45	156	143	6	-	15	M4	M4	0.61	3

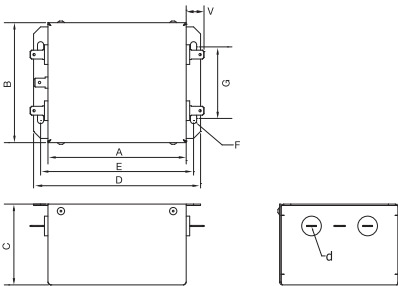
CASE 1



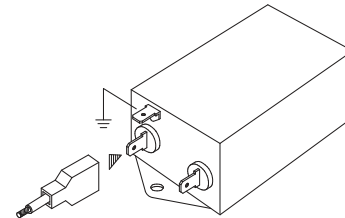
ASSEMBLY CONNECTION "F"



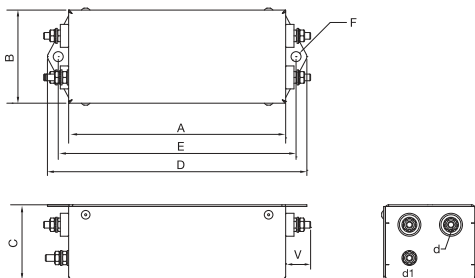
CASE 2



ASSEMBLY CONNECTION "F"



CASE 3



ASSEMBLY CONNECTION "V"

