



Active PE ground noise reducer with excellent performance for industrial and residential applications.

Datasheet 3/2019

APPROVALS:



FEATURES

- Filters the PE ground
- Only one model for unlimited current
- Safety terminal blocks
- Over temperature protection

BENEFITS

- 2 Year warranty
- High attenuation device for PE ground
- Compact design

FINGNR

MARKETS

- Variable frequency drives
- Automated machinery
- Packaging machinery
- Processing equipment

ORDERING CODE

FINGNR	.4048	.M
Model	Voltage	Connection
	1225=120/250Vac	M = Terminal block
	4048=400/480Vac	

ATTENUATION INDICATOR

High	Very High	Excellent

TECHNICAL SPECIFICATIONS

Nominal voltage	120, 250, 400, 480 VAC
Frequency	50 – 60 Hz
Rated current	Unlimited
Max power dissipation	200 W
IP Protection	IP20
Climatic class	-40 / +85° C
MTBF at 40°C	250.000 Hrs

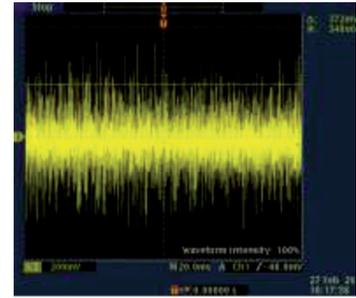
ELECTRICAL CHARACTERISTICS

FINGNR	Nominal Voltage AC (Vac)	Power Loss (W)
.1225	120 / 250	200
.4048	400 / 480	200

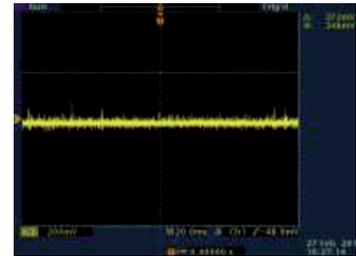
CONNECTIONS

Solid Cable (mm ²)	Stranded Cable (mm ²)	Terminal Block Torque (Nm)	PE Torque (Nm)
0.2 - 6	0.2 - 4	0.5	0.5
0.2 - 6	0.2 - 4	0.5	0.5

TYPICAL MEASUREMENT



Measurement of PE ground noise in a machine with VFDs on



Measurement of PE ground noise in a machine with VFDs on, with a Ground Noise Reduction Filter installed

MECHANICAL DIMENSIONS mm

FINNGR	A	B	C	V	V1	F	H	I	L	N	d	Weight Kg.	Case
.1225	73	103	62	40	11.2	4.5	179	153	169	80	4	2	1
.4048	73	103	62	40	11.2	4.5	179	153	169	80	4	2	1

CASE 1

