

FEATURES:

- 100 dB Insertion Loss from 9 kHz up to 40 GHz
- Low Power Dissipation
- Compact, Rugged Construction
- Current Range 16 to 200 Amps
- Fitted with Transient Suppressors as a Standard
- Stainless Steel Construction



Model N900X Power Filter

ETS-LINDGREN'S N900X POWER

FILTERS are high performance EMI power filters for use in EMC and Data Center/IT applications as well as any other installation which requires maximum protection from mains borne interference.

DESCRIPTION

The N900x Series Filters are all RF sealed in high quality stainless steel cases and include multi stage filtering for significant filtering performance. The load current must return to the dedicated neutral in order to maintain maximum performance.

Solid and permanent earthing of the filter case is essential for safety reasons and to ensure optimum performance. All ETS-Lindgren filters are CE marked for compliance with the Low Voltage Directive.

FEATURES

Insertion Loss

The N900x range provides 100 dB from 9 kHz to 40 GHz.

Low Power Dissipation

These filters offer very low power dissipation and a case temperature rise of 25°C at full load.

Current Range

The N900x range offers current ratings from 16 Amps to 200 Amps in both Single Phase + N and Three Phase + N.

Voltage Drop

The Voltage drop at full load is below 2 %.

APPLICATIONS

- High Performance Screened Rooms
- Anechoic Chambers

- Reverb Chambers
- Computer Suites / Data Centers
- EMC Applications
- General Purpose High Performance Filtering

STANDARD CONFIGURATION

- Transient Suppressor's fitted as standard
- Supplied with fixing kit and penetrations
- Dedicated neutral

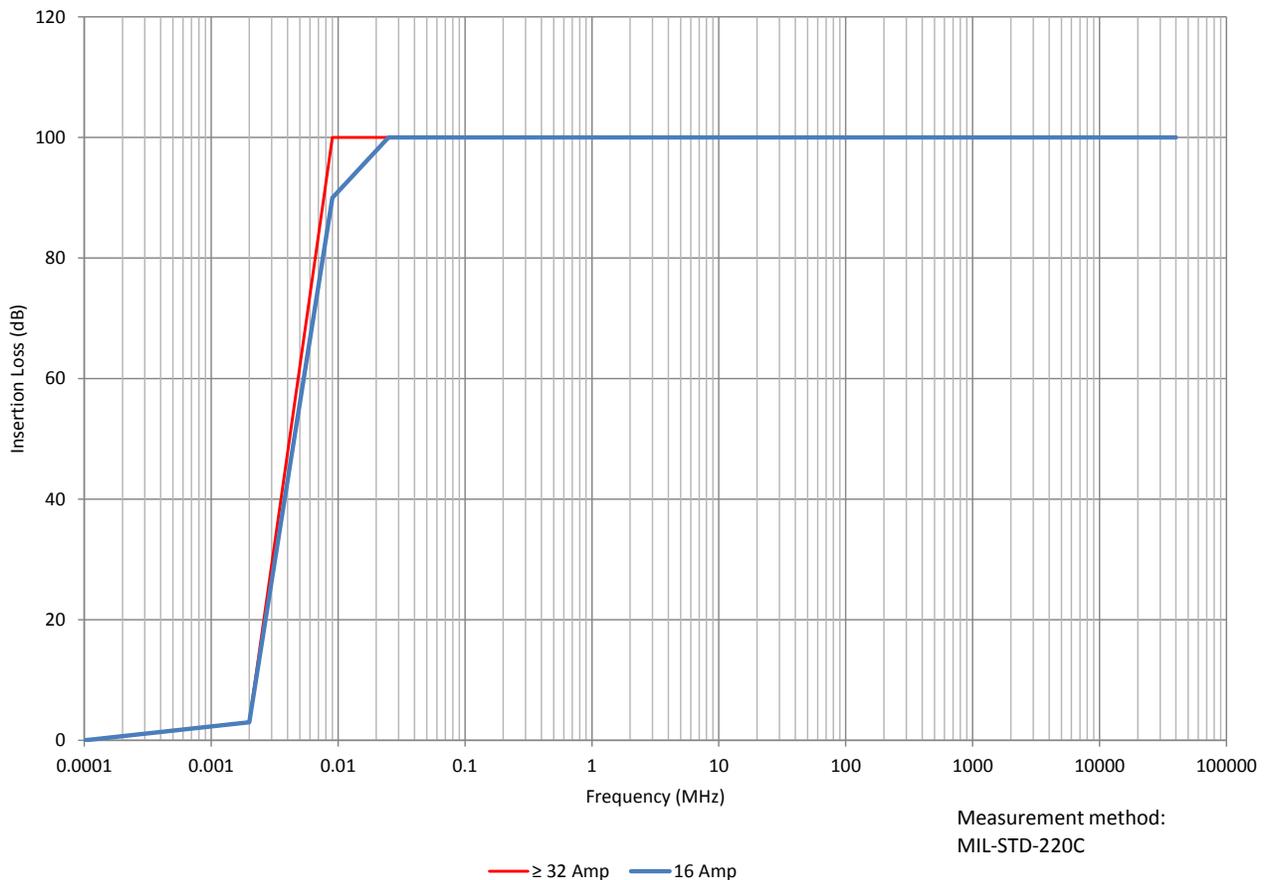
OPTIONS

- Custom cable entry and exit locations available on request
- Alternative transient suppressors available as required

Electrical Specifications

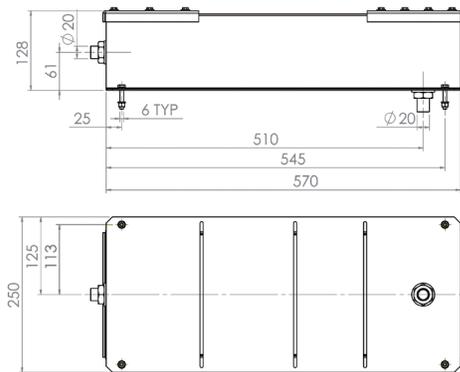
MODEL	CURRENT MAX	VOLTAGE MAX	FREQUENCY	LINES
N9000	16 A	250 V	DC to 60 Hz	2
N9001	16 A	250 / 440 V	DC to 60 Hz	4
N9002	32 A	250 V	DC to 60 Hz	2
N9003	32 A	250 / 440 V	DC to 60 Hz	4
N9004	63 A	250 V	DC to 60 Hz	2
N9005	63 A	250 / 440 V	DC to 60 Hz	4
N9006	100 A	250 V	DC to 60 Hz	2
N9007	100 A	250 / 440 V	DC to 60 Hz	4
N9008	200 A	250 V	DC to 60 Hz	2
N9009	200 A	250 / 440 V	DC to 60 Hz	4

N900X Insertion Loss Performance

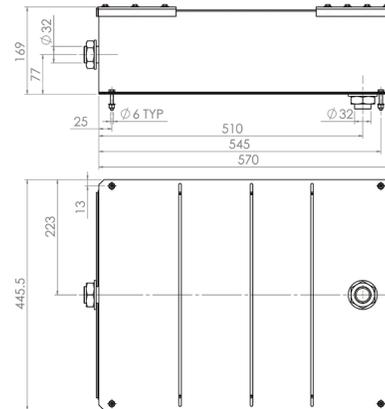


Mechanical Specifications

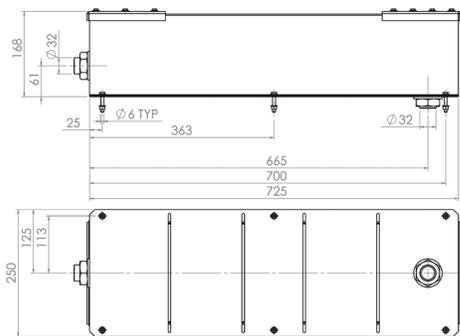
All dimensions are listed in millimeters.



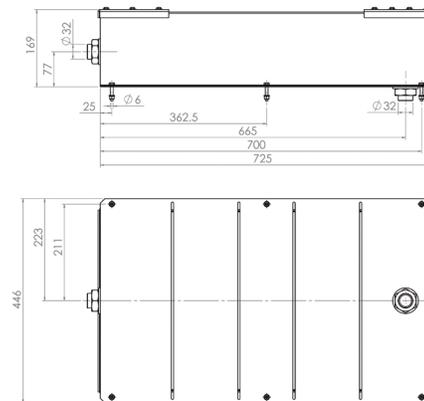
N9000
POWER FILTER 250VAC 16A 2LINE



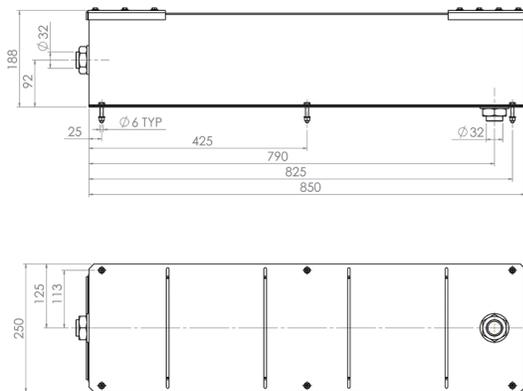
N9001
POWER FILTER 250VAC 16A 4LINE



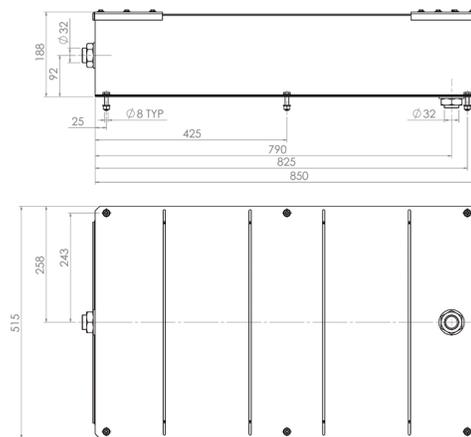
N9002
POWER FILTER 250VAC 32A 2LINE



N9003
POWER FILTER 250VAC 32A 4LINE



N9004
POWER FILTER 250 VAC 63A 2LINE

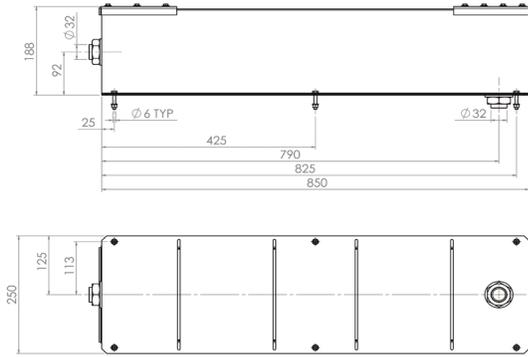


N9005
POWER FILTER 250VAC 63A 4LINE

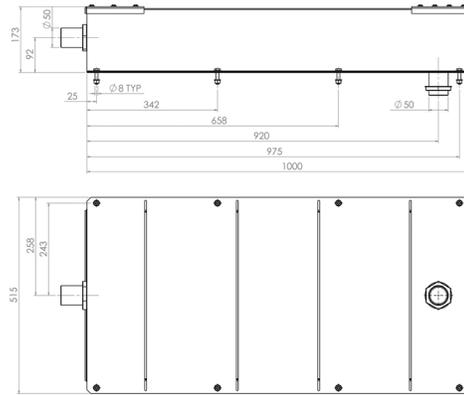
Phone + 1.512.531.6400 • info@ets-lindgren.com • www.ets-lindgren.com
Offices in the US, Brazil, Germany, Finland, UK, France, India, Japan, Singapore, China, Taiwan

Mechanical Specifications

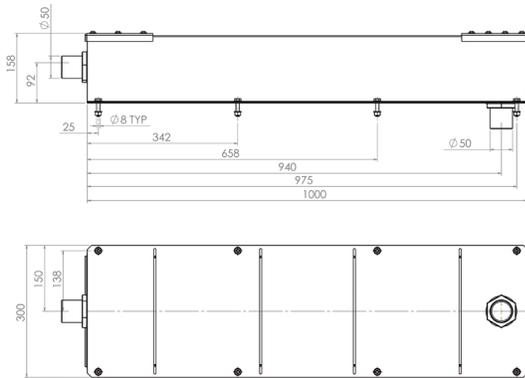
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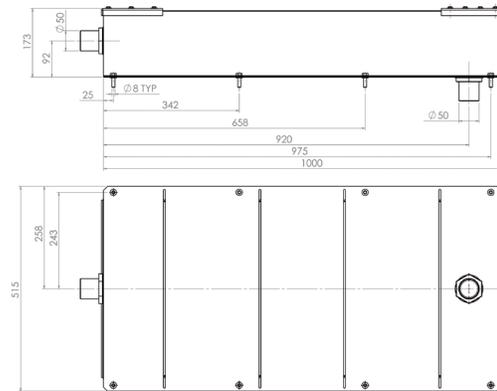
N9006
POWER FILTER 250VAC 100A 2LINE



N9007
POWER FILTER 250VAC 100A 4LINE



N9008
POWER FILTER 250VAC 200A 2LINE



N9009
POWER FILTER 250VAC 200A 4LINE