

FILTERS N242X POWER FILTERS



ETS-Lindgren's Model N242X Power Filters are low leakage RFI/EMI high performance power filters, designed for use where low earth leakage is a requirement. The performance is maintained up to full load in both symmetric and asymmetric modes. The leakage current is directly proportional to the potential difference between the neutral and earth leads at the filter input terminals. Solid and permanent earthing of the case is essential for safety and to ensure optimum performance.

Standard Configuration

- These filters canisters can come without penetration.
- Wall mount

Options

- Penetration kit
- Order filters bundled with penetration kits for effortless shield installation.
- TS (Transient Suppressor) to Give Total Protection Against all Normal Mains-borne Interference
- HVTS (High Voltage Transient Suppressor)
- Other Options Upon Request

N242X Power Filters

- Suitable for Mobile Installations
- Over 100 dB Insertion Loss from 150 kHz to 40 GHz
- Fully Accessible End Chambers
- RoHS Compliant and CE Marked for Compliance with the Low Voltage Directive
- Amp Range: 6 Amps to 100 Amps
- Frequency Range: 2 Line Filters, 250V-DC/50/60Hz
- 4 Line Filters, 440/250V-DC/50/60H

Technical Specifications

Physical Specifications

Model	Case Length "A"	Case Width "B"	Case Height "C"	Approx. Weight
N2420	505 mm (12.0 in)	175 mm (6.9 in)	110 mm (4.3 in)	5.9 kg (13.0 lbs)
N2421	305 mm (12.0 in)	345 mm (13.6 in)	110 mm (4.3 in)	11.8 kg (26.0 lbs)
N2422	560 mm (22.0 in)	210 mm (8.3 in)	110 mm (4.3 in)	12.7 kg (28.0 lbs)
N2423	560 mm (22.0 in)	415 mm (16.3 in)	110 mm (4.3 in)	24.9 kg (54.9 lbs)
N2424	560 mm (22.0 in)	210 mm (8.3 in)	110 mm (4.3 in)	12.7 kg (28.0 lbs)
N2425	560 mm (22.0 in)	415 mm (16.3 in)	110 mm (4.3 in)	24.9 kg (54.9 lbs)
N2426	560 mm (22.0 in)	210 mm (8.3 in)	110 mm (4.3 in)	17.7 kg (39.0 lbs)
N2427	560 mm (22.0 in)	415 mm (16.3 in)	110 mm (4.3 in)	34 kg (75.0 lbs)

Electrical (Max. Rating)

Model	Current Rating	Voltage Rating
N2420	6 A	0-250 VAC
N2421	6 A	440/250 VAC
N2422	32 A	0-250 VAC
N2423	32 A	440/250 VAC
N2424	63 A	0-250 VAC
N2425	63 A	440/250 VAC
N2426	100 A	0-250 VAC
N2427	100 A	440/250 VAC

