

## FILTERS One Line Single Phase Filters (LRX Series)

ETS-Lindgren's One Line Single Phase Filters are individual, stand-alone single circuit filters from our LRX series of power line filters.



ETS-Lindgren's One Line Single Phase Filters are individual, stand-alone single circuit filters from our LRX series of power line filters. ETS-Lindgren manufactures UL Listed power line filters in a variety of mechanical configurations to meet your requirements. The basic, general purpose filter is the LRX series.

The One Line Single Phase Filters are available in two styles. The Style 2 (S2) type case configuration is designed for direct installation on a shielded room, whereas the Style 3 (S3) type case configuration is designed for installation within a shielded filter panel. Style 3 filters are often supplied as individual replacement filters for installation within the LPRX and LFPRX filter panels. The case configurations for Style 2 and Style 3 filters are shown below under Product Charts.

The LRX series of power line filters are designed for 277 volt line-to-ground, 480 volt line-to-line, 0 to 60 Hz applications. However, these filters can also be used for lower voltage ratings, such as 120/208 volts, with no adverse effect.

### Key Features

- Part of Our LRX Series of Filters
- Designed for 277 volt line-to-ground, 480 volt line-to-line, 0 to 60 Hz Applications
- Manufactured to the Most Current Version of UL-1283
- In accordance with the Low Voltage Directive
- LRX Power Line Filters meet the following standards:
  - MIL-F-15733
  - MIL-STD-220C
  - UL 1283 5th ed.
  - IEC 60939
  - LVD (2006/95/EC)

### Specifications

## Electrical Specifications

Model	Stopband Insertion Loss	Current Rating
LRX-1005-	100 dB, 14 kHz to 40 GHz	5 A
LRX-1010-	100 dB, 14 kHz to 40 GHz	10 A
LRX-1030-	100 dB, 14 kHz to 40 GHz	30 A
LRX-1050-	100 dB, 14 kHz to 40 GHz	50 A
LRX-1060-	100 dB, 14 kHz to 40 GHz	60 A
LRX-1110-	100 dB, 14 kHz to 40 GHz	100 A
LRX-1150-	100 dB, 14 kHz to 40 GHz	150 A
LRX-1200-	100 dB, 14 kHz to 40 GHz	200 A
LRX-1225-	100 dB, 14 kHz to 40 GHz	225 A
LRX-1250-	100 dB, 14 kHz to 40 GHz	250 A
LRX-1300 <sup>1</sup> -	100 dB, 14 kHz to 40 GHz	300 A
LRX-1400-	100 dB, 14 kHz to 40 GHz	400 A

**NOTE:** For Installation on shield, filters can be ordered with penetration kit. Add "/PEN" to model numbers

<sup>1</sup> Not UL Listed

## Physical Specifications

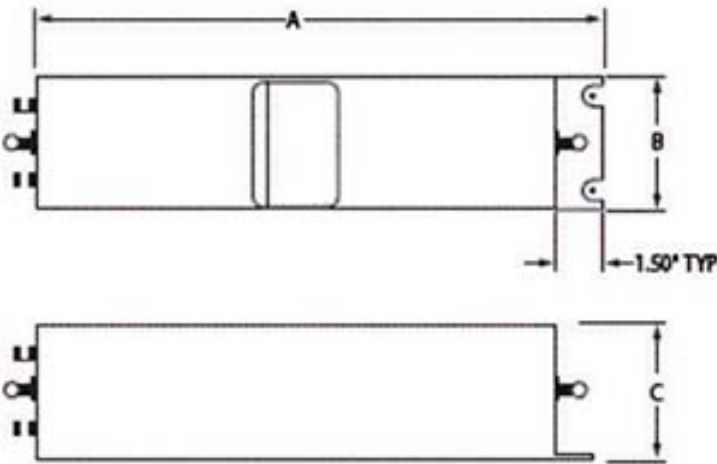
Model	Case Height ("A")	Case Width ("B")	Case Depth ("C")	Approximate Weight
LRX-1005-	64.8 cm (25.5 in)	11.4 cm (4.5 in)	11.4 cm (4.5 in)	8.1 kg (18.0 lb)
LRX-1010-	64.8 cm (25.5 in)	11.4 cm (4.5 in)	11.4 cm (4.5 in)	8.1 kg (18.0 lb)
LRX-1030-	64.8 cm (25.5 in)	11.4 cm (4.5 in)	11.4 cm (4.5 in)	10.4 kg (23.0 lb)
LRX-1050-	85.1 cm (33.5 in)	15.2 cm (6.0 in)	17.8 cm (7.0 in)	18.1 kg (40.0 lb)
LRX-1060-	85.1 cm (33.5 in)	15.2 cm (6.0 in)	17.8 cm (7.0 in)	18.1 kg (40.0 lb)
LRX-1110-	85.1 cm (33.5 in)	15.2 cm (6.0 in)	17.8 cm (7.0 in)	20.4 kg (45.0 lb)
LRX-1150-	95.3 cm (37.5 in)	20.3 cm (8.0 in)	25.4 cm (10.0 in)	40.8 kg (90.0 lb)
LRX-1200-	95.3 cm (37.5 in)	20.3 cm (8.0 in)	25.4 cm (10.0 in)	45.4 kg (100.0 lb)
LRX-1225-	95.3 cm (37.5 in)	20.3 cm (8.0 in)	25.4 cm (10.0 in)	45.4 kg (100.0 lb)
LRX-1250-	95.3 cm (37.5 in)	20.3 cm (8.0 in)	25.4 cm (10.0 in)	45.4 kg (100.0 lb)
LRX-1300 <sup>1</sup> -	103.6 cm (40.8 in)	20.3 cm (8.0 in)	30.5 cm (12.0 in)	52.2 kg (115.0 lb)
LRX-1400-	103.6 cm (40.8 in)	20.3 cm (8.0 in)	30.5 cm (12.0 in)	54.4 kg (120.0 lb)

**NOTE:** For Installation on shield, filters can be ordered with penetration kit. Add "/PEN" to model numbers

<sup>1</sup> Not UL Listed

Product Charts

LRX Filter - Style 3



LRX-EMP  
Filter - Style 2

