

FILTERS LRX DUAL LINE SINGLE PHASE FILTERS



LRX FILTER SERIES

- **Manufactured to the Most Current Version of UL-1283**
- **LRX Power Line Filters meet the following standards in accordance with the Low Voltage Directives**
 - MIL-F-15733
 - MIL-STD-220
 - UL-1283
 - IEC 60939
 - LVD

ETS-Lindgren's LRX Dual Line Single Phase Filters are individual, stand-alone dual 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 LRX series is the standard for high performance filters.

The Dual Line Single Phase Filters are designed for wall-mounted installation. This dual circuit power line filter can be used on AC or DC power lines including two wire AC systems with both lines above ground or three wire AC systems where one of the conductors is at ground potential and grounded to the filter case.

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. The LRX series filters meet or exceed 100 dB insertion loss from 14 kHz to 40 GHz, as measured according to MIL-STD-220.

Standard Configuration

- These filters canisters can come without penetration
- Wall mount

Options

- Penetration kit
- Order filters bundled with penetration kits for effortless shield installation

Technical Specifications

Electrical (Max. Rating)

| Model | Current Rating | Voltage Rating | Short Circuit Current Rating |
|-------------|----------------|----------------|------------------------------|
| LRX-2005-S2 | 2 x 5 A | 0-277/480 VAC | 10 kA |
| LRX-2010-S2 | 2 x 10 A | 0-277/480 VAC | 10 kA |
| LRX-2020-S2 | 2 x 20 A | 0-277/480 VAC | 10 kA |
| LRX-2030-S2 | 2 x 30 A | 0-277/480 VAC | 25 kA |
| LRX-2050-S2 | 2 x 50 A | 0-277/480 VAC | 25 kA |
| LRX-2060-S2 | 2 x 60 A | 0-277/480 VAC | 25 kA |
| LRX-2100-S2 | 2 x 100 A | 0-277/480 VAC | 50 kA |

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Physical Specifications

| Model | Case Length "A" | Case Weight "B" | Case Height "C" | Approx. Weight |
|-------------|--------------------|-------------------|------------------|--------------------|
| LRX-2005-S2 | 94.0 cm (37.0 in) | 22.9 cm (9.0 in) | 12.7 cm (5.0 in) | 27.2 kg (60.0 lb) |
| LRX-2010-S2 | 94.0 cm (37.0 in) | 22.9 cm (9.0 in) | 12.7 cm (5.0 in) | 27.2 kg (60.0 lb) |
| LRX-2020-S2 | 94.0 cm (37.0 in) | 22.9 cm (9.0 in) | 12.7 cm (5.0 in) | 27.2 kg (60.0 lb) |
| LRX-2030-S2 | 94.0 cm (37.0 in) | 22.9 cm (9.0 in) | 12.7 cm (5.0 in) | 27.2 kg (60.0 lb) |
| LRX-2050-S2 | 111.8 cm (44.0 in) | 35.6 cm (14.0 in) | 15.2 cm (6.0 in) | 45.4 kg (100.0 lb) |
| LRX-2060-S2 | 111.8 cm (44.0 in) | 35.6 cm (14.0 in) | 15.2 cm (6.0 in) | 45.4 kg (100.0 lb) |
| LRX-2100-S2 | 111.8 cm (44.0 in) | 35.6 cm (14.0 in) | 15.2 cm (6.0 in) | 45.4 kg (100.0 lb) |

