

MULTIPLE CIRCUIT PANELS FOR LRX FILTERS

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LPRX filters are wall-mounted, while the LFPRX filters are provided with floor support.

Key Features

Designed for 0-277 volt line-to-ground, 0-480 volt line-to-line, 0-60 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-220
 - UL 1283
 - IEC 60939
 - LVD (2006/95/EC)

Specifications

Electrical Specifications

Model	Stopband Insertion Loss	#of Lines X Max. Current Rating
LPRX-2x5 ¹	100 dB, 14 kHz to 40 GHz	2 x 5 A
LPRX-3x5	100 dB, 14 kHz to 40 GHz	3 x 5 A
LPRX-4x5	100 dB, 14 kHz to 40 GHz	4 x 5 A
LPRX-2x10 ¹	100 dB, 14 kHz to 40 GHz	2 x 10 A
LPRX-3x10	100 dB, 14 kHz to 40 GHz	3 x 10 A
LPRX-4x10	100 dB, 14 kHz to 40 GHz	4 x 10 A
LPRX-2x30 ¹	100 dB, 14 kHz to 40 GHz	2 x 30 A
LPRX-3x30	100 dB, 14 kHz to 40 GHz	3 x 30 A
LPRX-4x30	100 dB, 14 kHz to 40 GHz	4 x 30 A
LPRX-2x50 ¹	100 dB, 14 kHz to 40 GHz	2 x 50 A
LPRX-3x50	100 dB, 14 kHz to 40 GHz	3 x 50 A
LPRX-4x50	100 dB, 14 kHz to 40 GHz	4 x 50 A
LPRX-2x60 ¹	100 dB, 14 kHz to 40 GHz	2 x 60 A
LPRX-3x60	100 dB, 14 kHz to 40 GHz	3 x 60 A
LPRX-4x60	100 dB, 14 kHz to 40 GHz	4 x 60 A
LPRX-2x100 ¹	100 dB, 14 kHz to 40 GHz	2 x 100 A
LPRX-3x100	100 dB, 14 kHz to 40 GHz	3 x 100 A
LPRX-4x100	100 dB, 14 kHz to 40 GHz	4 x 100 A
LPRX-2x150 ¹	100 dB, 14 kHz to 40 GHz	2 x 150 A
LPRX-3x150 ¹	100 dB, 14 kHz to 40 GHz	3 x 150 A
LPRX-4x150 ¹	100 dB, 14 kHz to 40 GHz	4 x 150 A
LPRX-2x200 ¹	100 dB, 14 kHz to 40 GHz	2 x 200 A
LPRX-3x200	100 dB, 14 kHz to 40 GHz	3 x 200 A
LPRX-4x200	100 dB, 14 kHz to 40 GHz	4 x 200 A

LPRX-2x225 ¹	100 dB, 14 kHz to 40 GHz	2 x 225 A
LPRX-3x225 ¹	100 dB, 14 kHz to 40 GHz	3 x 225 A
LPRX-4x225 ¹	100 dB, 14 kHz to 40 GHz	4 x 225 A
LPRX-2x250	100 dB, 14 kHz to 40 GHz	2 x 250 A
LPRX-3x250	100 dB, 14 kHz to 40 GHz	3 x 250 A
LPRX-4x250	100 dB, 14 kHz to 40 GHz	4 x 250 A
LFPRX-2x225 ¹	100 dB, 14 kHz to 40 GHz	3 x 225 A
LFPRX-3x225 ¹	100 dB, 14 kHz to 40 GHz	4 x 225 A
LFPRX-4x225 ¹	100 dB, 14 kHz to 40 GHz	2 x 225 A
LFPRX-2x250	100 dB, 14 kHz to 40 GHz	2 x 250 A
LFPRX-3x250	100 dB, 14 kHz to 40 GHz	3 x 250 A
LFPRX-4x250	100 dB, 14 kHz to 40 GHz	4 x 250 A
LFPRX-2x300 ¹	100 dB, 14 kHz to 40 GHz	2 x 300 A
LFPRX-3x300 ¹	100 dB, 14 kHz to 40 GHz	3 x 300 A
LFPRX-4x300 ¹	100 dB, 14 kHz to 40 GHz	4 x 300 A
LFPRX-2x400 ¹	100 dB, 14 kHz to 40 GHz	2 x 400 A
LFPRX-3x400	100 dB, 14 kHz to 40 GHz	3 x 400 A
LFPRX-4x400	100 dB, 14 kHz to 40 GHz	4 x 400 A

¹ Not UL Listed

Panel/cabinets may be ordered with a Penetration conduit for installation on a shielded room by adding /PEN to the model number. Example, LFPRX-4x400/PEN

Physical Specifications

Model	Case Height ("A")	Case Width ("B")	Case Depth ("C")	Approximate Weight
LPRX-2x5 ¹	91.4 cm (36.0 in)	30.5 cm (12.0 in)	15.2 cm (6.0 in)	31.8 kg (70.0 lb)
LPRX-3x5	91.4 cm (36.0 in)	61.0 cm (24.0 in)	15.2 cm (6.0 in)	43.1 kg (95.0 lb)
LPRX-4x5	91.4 cm (36.0 in)	61.0 cm (24.0 in)	15.2 cm (6.0 in)	54.4 kg (120.0 lb)
LPRX-2x10 ¹	91.4 cm (36.0 in)	30.5 cm (12.0 in)	15.2 cm (6.0 in)	31.8 kg (70.0 lb)
LPRX-3x10	91.4 cm (36.0 in)	61.0 cm (24.0 in)	15.2 cm (6.0 in)	43.1 kg (95.0 lb)
LPRX-4x10	91.4 cm (36.0 in)	61.0 cm (24.0 in)	15.2 cm (6.0 in)	54.4 kg (120.0 lb)
LPRX-2x30 ¹	91.4 cm (36.0 in)	30.5 cm (12.0 in)	15.2 cm (6.0 in)	36.3 kg (80.0 lb)
LPRX-3x30	91.4 cm (36.0 in)	61.0 cm (24.0 in)	15.2 cm (6.0 in)	49.9 kg (110.0 lb)
LPRX-4x30	91.4 cm (36.0 in)	61.0 cm (24.0 in)	15.2 cm (6.0 in)	63.5 kg (140.0 lb)
LPRX-2x50 ¹	121.9 cm (48.0 in)	40.6 cm (16.0 in)	21.6 cm (8.5 in)	63.5 kg (140.0 lb)
LPRX-3x50	121.9 cm (48.0 in)	76.2 cm (30.0 in)	21.6 cm (8.5 in)	90.7 kg (200.0 lb)
LPRX-4x50	121.9 cm (48.0 in)	76.2 cm (30.0 in)	21.6 cm (8.5 in)	117.9 kg (260.0 lb)
LPRX-2x60 ¹	121.9 cm (48.0 in)	76.2 cm (30.0 in)	21.6 cm (8.5 in)	63.5 kg (140.0 lb)
LPRX-3x60	121.9 cm (48.0 in)	76.2 cm (30.0 in)	21.6 cm (8.5 in)	90.7 kg (200.0 lb)
LPRX-4x60	121.9 cm (48.0 in)	76.2 cm (30.0 in)	21.6 cm (8.5 in)	117.9 kg (260.0 lb)

LPRX-2x100 ¹	121.9 cm (48.0 in)	40.6 cm (16.0 in)	21.6 cm (8.5 in)	68.0 kg (150.0 lb)
LPRX-3x100	121.9 cm (48.0 in)	76.2 cm (30.0 in)	21.6 cm (8.5 in)	97.5 kg (215.0 lb)
LPRX-4x100	121.9 cm (48.0 in)	76.2 cm (30.0 in)	21.6 cm (8.5 in)	127.0 kg (280.0 lb)
LPRX-2x150 ¹	142.2 cm (56.0 in)	50.8 cm (20.0 in)	30.5 cm (12.0 in)	131.5 kg (290.0 lb)
LPRX-3x150 ¹	142.2 cm (56.0 in)	99.1 cm (39.0 in)	30.5 cm (12.0 in)	188.2 kg (415.0 lb)
LPRX-4x150 ¹	142.2 cm (56.0 in)	99.1 cm (39.0 in)	30.5 cm (12.0 in)	244.9 kg (540.0 lb)
LPRX-2x200 ¹	142.2 cm (56.0 in)	50.8 cm (20.0 in)	30.5 cm (12.0 in)	149.7 kg (330.0 lb)
LPRX-3x200	142.2 cm (56.0 in)	99.1 cm (39.0 in)	30.5 cm (12.0 in)	217.7 kg (480.0 lb)
LPRX-4x200	142.2 cm (56.0 in)	99.1 cm (39.0 in)	30.5 cm (12.0 in)	285.8 kg (630.0 lb)
LPRX-2x225 ¹	142.2 cm (56.0 in)	50.8 cm (20.0 in)	30.5 cm (12.0 in)	149.7 kg (330.0 lb)
LPRX-3x225 ¹	142.2 cm (56.0 in)	99.1 cm (39.0 in)	30.5 cm (12.0 in)	217.7 kg (480.0 lb)
LPRX-4x225 ¹	142.2 cm (56.0 in)	99.1 cm (39.0 in)	30.5 cm (12.0 in)	285.8 kg (630.0 lb)
LPRX-2x250	142.2 cm (56.0 in)	50.8 cm (20.0 in)	30.5 cm (12.0 in)	149.7 kg (330.0 lb)
LPRX-3x250	142.2 cm (56.0 in)	99.1 cm (39.0 in)	30.5 cm (12.0 in)	217.7 kg (480.0 lb)
LPRX-4x250	142.2 cm (56.0 in)	99.1 cm (39.0 in)	30.5 cm (12.0 in)	285.8 kg (630.0 lb)
LFPRX-2x225 ¹	142.2 cm (56.0 in)	50.8 cm (20.0 in)	30.5 cm (12.0 in)	163.37 kg (360.0 lb)
LFPRX-3x225 ¹	142.2 cm (56.0 in)	99.1 cm (39.0 in)	30.5 cm (12.0 in)	231.3 kg (5200.0 lb)

LFPRX-4x225 ¹	142.2 cm (56.0 in)	99.1 cm (39.0 in)	30.5 cm (12.0 in)	299.4 kg (660.0 lb)
LFPRX-2x250	142.2 cm (56.0 in)	99.1 cm (39.0 in)	30.5 cm (12.0 in)	163.37 kg (360.0 lb)
LFPRX-3x250	142.2 cm (56.0 in)	99.1 cm (39.0 in)	30.5 cm (12.0 in)	231.3 kg (5200.0 lb)
LFPRX-4x250	142.2 cm (56.0 in)	99.1 cm (39.0 in)	30.5 cm (12.0 in)	299.4 kg (660.0 lb)
LFPRX-2x300 ¹	188.0 cm (74.0 in)	50.8 cm (20.0 in)	35.6 cm (14.0 in)	167.8 kg (370.0 lb)
LFPRX-3x300 ¹	188.0 cm (74.0 in)	99.1 cm (39.0 in)	35.6 cm (14.0 in)	238.1 kg (525.0 lb)
LFPRX-4x300 ¹	188.0 cm (74.0 in)	99.1 cm (39.0 in)	35.6 cm (14.0 in)	308.4 kg (680.0 lb)
LFPRX-2x400 ¹	188.0 cm (74.0 in)	99.1 cm (39.0 in)	35.6 cm (14.0 in)	172.4 kg (380.0 lb)
LFPRX-3x400	188.0 cm (74.0 in)	99.1 cm (39.0 in)	35.6 cm (14.0 in)	244.9 kg (540.0 lb)
LFPRX-4x400	188.0 cm (74.0 in)	99.1 cm (39.0 in)	35.6 cm (14.0 in)	317.5 kg (700.0 lb)

¹ Not UL Listed

Product Charts

LPRX - UL Wall Panels



