

# PASSIVE HARMONIC FILTERS

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Block manufacture a large range of Passive Harmonic Filters. The open frame HF1K range offers 8% THD-I and the HFM-FB series has a typical 7% THD-I at rated load. They have the following advantages:

1. They are a proven technology developed and perfected many years ago so are extremely reliable
2. They are very stable when overloaded or subjected to short circuit fault currents & surge voltages
3. They eliminate all harmonics over a specific frequency rather than shifting lower order harmonics to higher order harmonics
4. They are very cost effective



## HF1K HARMONIC FILTERS



HF1K7-400	Passive Harmonic Filter - 5.5kw - 3x10A	\$1,325.91
HF1K13-400	Passive Harmonic Filter - 11kW - 3x19A	\$2,130.99
HF1K18-400	Passive Harmonic Filter - 15kw - 3x26A	\$2,382.82
<b>HF1K24-400</b>	<b>Passive Harmonic Filter - 20kW - 3x35A</b>	<b>\$2,986.40</b>
<b>HF1K30-400</b>	<b>Passive Harmonic Filter - 26kW - 3x43A</b>	<b>\$3,938.64</b>
<b>HF1K50-400</b>	<b>Passive Harmonic Filter - 45kW - 3x73A</b>	<b>\$6,065.49</b>
HF1K70-400	Passive Harmonic Filter - 63kw - 3x101A	\$9,070.34
HF1K100-400	Passive Harmonic Filter - 90kw - 3x144A	\$10,534.23

## HFM-FB SERIES HARMONIC FILTERS



HFM-FB-7-400	Passive Harmonic Filter, 380-440VAC, 5kW, 3x10A	\$4,390.79
HFM-FB-13-400	Passive Harmonic Filter, 380-440VAC, 7.5kW, 3x19A	\$5,145.75
HFM-FB-18-400	Passive Harmonic Filter, 380-440VAC, 11kW, 3x26A	\$7,049.20
HFM-FB-24-400	Passive Harmonic Filter, 380-440VAC, 15kW & 18.5kW, 3x35A	\$8,267.40
HFM-FB-30-400	Passive Harmonic Filter, 380-440VAC, 22kW, 3x43A	\$10,113.41
HFM-FB-50-400	Passive Harmonic Filter, 380-440VAC, 30kW & 37kW, 3x72A	\$13,449.19
HFM-FB-70-400	Passive Harmonic Filter, 380-440VAC, 55kW, 3x101A	\$18,188.05
HFM-FB-100-400	Passive Harmonic Filter, 380-440VAC, 75kW, 3x144A	\$20,484.30
HFM-FB-125-400	Passive Harmonic Filter, 380-440VAC, 90kW, 3x180A	\$25,773.32
HFM-FB-150-400	Passive Harmonic Filter, 380-440VAC, 110kW, 3x217A	\$29,882.97
HFM-FB-200-400	Passive Harmonic Filter, 380-440VAC, 160kW, 3x289A	\$34,195.30
HFM-FB-225-400	Passive Harmonic Filter, 380-440VAC, 180kW, 3x325A	\$36,565.06
HFM-FB-255-400	Passive Harmonic Filter, 380-420VAC, 200kW, 3x370A	\$39,894.85
HFM-FB-300-400	Passive Harmonic Filter, 380-420VAC, 250kW, 3x433A	\$43,168.24

# LINE REACTORS

## NKE SERIES SINGLE PHASE LINE REACTORS



NKE4/7,33	Line Reactor - 230VAC, 4 Amps, 7.330mH Inductivity	\$107.29
NKE6/4,88	Line Reactor - 230VAC, 6 Amps, 4.880mH Inductivity	\$108.27
NKE10/2,93	Line Reactor - 230VAC, 10 Amps, 2.930mH Inductivity	\$146.04
NKE16/1,83	Line Reactor - 230VAC, 16 Amps, 1.830mH Inductivity	\$146.04
<b>NKE20/1,47</b>	<b>Line Reactor - 230VAC, 20 Amps, 1.470mH Inductivity</b>	<b>\$146.04</b>
NKE25/1,17	Line Reactor - 230VAC, 25 Amps, 1.170mH Inductivity	\$147.69

## LR3-40 SERIES 3 PHASE LINE REACTORS



LR3-40-5/8	Line Reactor - 3x690VAC, 8 Amps, 5mH Inductivity	\$177.88
LR3-40-4/16	Line Reactor - 3x690VAC, 16 Amps, 1.84mH Inductivity	\$223.30
LR3-40-4/20	Line Reactor - 3x690VAC, 20 Amps, 1.5mH Inductivity	\$290.34
LR3-40-4/25	Line Reactor - 3x690VAC, 25 Amps, 1.2mH Inductivity	\$403.68
LR3-40-4/30	Line Reactor - 3x690VAC, 30 Amps, 0.98mH Inductivity	\$501.98
LR3-40-4/40	Line Reactor - 3x690VAC, 40 Amps, 0.74mH Inductivity	\$541.75
LR3-40-4/45	Line Reactor - 3x690VAC, 45 Amps, 0.490mH Inductivity	\$614.30
LR3-40-4/50	Line Reactor - 3x690VAC, 50 Amps, 0.590mH Inductivity	\$620.27
LR3-40-4/63	Line Reactor - 3x690VAC, 63 Amps, 0.470mH Inductivity	\$712.64
LR3-40-4/70	Line Reactor - 3x690VAC, 70 Amps, 0.420mH Inductivity	\$894.77
LR3-40-4/80	Line Reactor - 3x690VAC, 80 Amps, 0.370mH Inductivity	\$926.84

## LR3A-40 SERIES 3 PHASE LINE REACTORS - ALUMINIUM WINDINGS



LR3A-40-4/90	Line Reactor - 3x690VAC, 90 Amps, 0.330mH Inductivity	\$1,104.00
LR3A-40-4/100	Line Reactor - 3x690VAC, 100 Amps, 0.290mH Inductivity	\$1,328.40
LR3A-40-4/115	Line Reactor - 3x690VAC, 115 Amps, 0.250mH Inductivity	\$1,505.35
LR3A-40-4/125	Line Reactor - 3x690VAC, 125 Amps, 0.230mH Inductivity	\$1,517.04
LR3A-40-4/160	Line Reactor - 3x690VAC, 160 Amps, 0.180mH Inductivity	\$1,828.55
LR3A-40-4/180	Line Reactor - 3x690VAC, 180 Amps, 0.123mH Inductivity	\$1,852.16
LR3A-40-4/200	Line Reactor - 3x690VAC, 200 Amps, 0.150mH Inductivity	\$1,961.17
LR3A-40-4/250	Line Reactor - 3x690VAC, 250 Amps, 0.120mH Inductivity	\$2,162.22
LR3A-40-4/300	Line Reactor - 3x690VAC, 300 Amps, 0.089mH Inductivity	\$2,634.17
LR3A-40-4/400	Line Reactor - 3x690VAC, 400 Amps, 0.074mH Inductivity	\$2,863.88
LR3A-40-4/500	Line Reactor - 3x690VAC, 500 Amps, 0.059mH Inductivity	\$3,082.03
LR3A-40-4/630	Line Reactor - 3x690VAC, 630 Amps, 0.047mH Inductivity	\$4,255.44
LR3A-40-4/710	Line Reactor - 3x690VAC, 710 Amps, 0.042mH Inductivity	\$4,628.91
LR3A-40-4/800	Line Reactor - 3x690VAC, 800 Amps, 0.037mH Inductivity	\$5,048.64
LR3A-40-4/1000	Line Reactor - 3x690VAC, 1000 Amps, 0.030mH Inductivity	\$5,704.51
LR3A-40-4/1200	Line Reactor - 3x690VAC, 1200 Amps, 0.025mH Inductivity	\$11,846.22
LR3A-40-4/1400	Line Reactor - 3x690VAC, 1400 Amps, 0.021mH Inductivity	\$13,375.72
LR3A-40-4/1600	Line Reactor - 3x690VAC, 1600 Amps, 0.019mH Inductivity	\$13,973.60

# LINE FILTERS

## HFE 104 SERIES LINE FILTERS



<b>HFE 104-230/3</b>	Single Phase Line Filter with Low Leakage Current, 3 Amp	<b>\$106.77</b>
<b>HFE 104-230/10</b>	Single Phase Line Filter with Low Leakage Current, 10 Amp	<b>\$110.86</b>
<b>HFE 104-230/20</b>	Single Phase Line Filter with Low Leakage Current, 20 Amp	<b>\$238.15</b>
<b>HFE 104-230/65</b>	Single Phase Line Filter with Low Leakage Current, 65 Amp	<b>\$473.30</b>

## HFE 165 SERIES LINE FILTERS



<b>HFE 156-230/10</b>	Single Phase Line Filter with Low Leakage Current, DIN Mount, 10 Amp	<b>\$292.59</b>
<b>HFE 156-230/16</b>	Single Phase Line Filter with Low Leakage Current, DIN Mount, 16 Amp	<b>\$417.20</b>

## HLE 110 SERIES LINE FILTERS



<b>HLE 110-230/20</b>	Single Phase Line Filter for Enhanced Requirements, 20 Amp	<b>\$339.23</b>
<b>HLE 110-230/25</b>	Single Phase Line Filter for Enhanced Requirements, 25 Amp	<b>\$399.31</b>
<b>HLE 110-230/30</b>	Single Phase Line Filter for Enhanced Requirements, 30 Amp	<b>\$399.31</b>
<b>HLE 110-230/42</b>	Single Phase Line Filter for Enhanced Requirements, 42 Amp	<b>\$577.32</b>
<b>HLE 110-230/55</b>	Single Phase Line Filter for Enhanced Requirements, 55 Amp	<b>\$607.24</b>

## HLD 110 THREE PHASE LINE FILTERS



<b>HLD110-500/42</b>	Line Filter for Enhanced Requirements, 0-520VAC, 3x42 Amp	<b>\$607.90</b>
<b>HLD110-500/55</b>	Line Filter for Enhanced Requirements, 0-520VAC, 3x55 Amp	<b>\$692.45</b>
<b>HLD110-500/75</b>	Line Filter for Enhanced Requirements, 0-520VAC, 3x75 Amp	<b>\$928.69</b>
<b>HLD110-500/100</b>	Line Filter for Enhanced Requirements, 0-520VAC, 3x100 Amp	<b>\$1,278.14</b>
<b>HLD110-500/130</b>	Line Filter for Enhanced Requirements, 0-520VAC, 3x130 Amp	<b>\$1,489.05</b>
<b>HLD110-500/180</b>	Line Filter for Enhanced Requirements, 0-520VAC, 3x180 Amp	<b>\$2,324.83</b>
<b>HLD110-500/250</b>	Line Filter for Enhanced Requirements, 0-520VAC, 3x250 Amp	<b>\$2,600.71</b>

## HLD 103 THREE PHASE LINE FILTERS



<b>HLD103-500/270</b>	Line Filter for Enhanced Requirements, 0-520VAC, 3x270 Amp	<b>\$3,565.47</b>
<b>HLD103-500/400</b>	Line Filter for Enhanced Requirements, 0-520VAC, 3x400 Amp	<b>\$3,927.34</b>
<b>HLD103-500/750</b>	Line Filter for Enhanced Requirements, 0-520VAC, 3x750 Amp	<b>\$7,110.16</b>
<b>HLD103-500/1000</b>	Line Filter for Enhanced Requirements, 0-520VAC, 3x1000 Amp	<b>POA</b>
<b>HLD103-500/1800</b>	Line Filter for Enhanced Requirements, 0-520VAC, 3x1800 Amp	<b>POA</b>