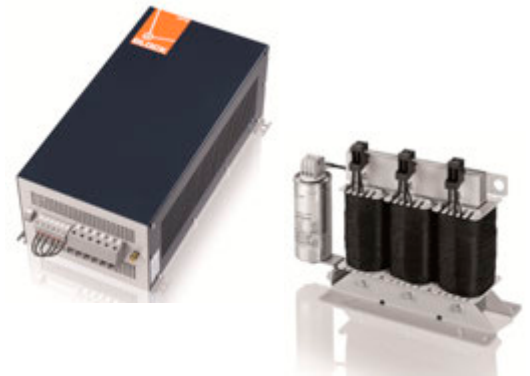


# PASSIVE HARMONIC FILTERS

## PASSIVE HARMONIC FILTERS

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
HF1K13-400	Passive Harmonic Filter - 11kW - 3x19A
HF1K18-400	Passive Harmonic Filter - 15kw - 3x26A
<b>HF1K24-400</b>	<b>Passive Harmonic Filter - 20kW - 3x35A</b>
<b>HF1K30-400</b>	<b>Passive Harmonic Filter - 26kW - 3x43A</b>
<b>HF1K50-400</b>	<b>Passive Harmonic Filter - 45kW - 3x73A</b>
HF1K70-400	Passive Harmonic Filter - 63kw - 3x101A
HF1K100-400	Passive Harmonic Filter - 90kw - 3x144A

## HFM-FB SERIES HARMONIC FILTERS



HFM-FB-7-400	Passive Harmonic Filter, 380-440VAC, 5kW, 3x10A
HFM-FB-13-400	Passive Harmonic Filter, 380-440VAC, 7.5kW, 3x19A
HFM-FB-18-400	Passive Harmonic Filter, 380-440VAC, 11kW, 3x26A
HFM-FB-24-400	Passive Harmonic Filter, 380-440VAC, 15kW & 18.5kW, 3x35A
HFM-FB-30-400	Passive Harmonic Filter, 380-440VAC, 22kW, 3x43A
HFM-FB-50-400	Passive Harmonic Filter, 380-440VAC, 30kW & 37kW, 3x72A
HFM-FB-70-400	Passive Harmonic Filter, 380-440VAC, 55kW, 3x101A
HFM-FB-100-400	Passive Harmonic Filter, 380-440VAC, 75kW, 3x144A
HFM-FB-125-400	Passive Harmonic Filter, 380-440VAC, 90kW, 3x180A
HFM-FB-150-400	Passive Harmonic Filter, 380-440VAC, 110kW, 3x217A
HFM-FB-200-400	Passive Harmonic Filter, 380-440VAC, 160kW, 3x289A
HFM-FB-225-400	Passive Harmonic Filter, 380-440VAC, 180kW, 3x325A
HFM-FB-255-400	Passive Harmonic Filter, 380-420VAC, 200kW, 3x370A
HFM-FB-300-400	Passive Harmonic Filter, 380-420VAC, 250kW, 3x433A

# LINE REACTORS

## NKE SERIES SINGLE PHASE LINE REACTORS



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

## LR3-40 SERIES 3 PHASE LINE REACTORS



LR3-40-5/8	Line Reactor - 3x690VAC, 8 Amps, 5mH Inductivity
LR3-40-4/16	Line Reactor - 3x690VAC, 16 Amps, 1.84mH Inductivity
LR3-40-4/20	Line Reactor - 3x690VAC, 20 Amps, 1.5mH Inductivity
LR3-40-4/25	Line Reactor - 3x690VAC, 25 Amps, 1.2mH Inductivity
LR3-40-4/30	Line Reactor - 3x690VAC, 30 Amps, 0.98mH Inductivity
LR3-40-4/40	Line Reactor - 3x690VAC, 40 Amps, 0.74mH Inductivity
LR3-40-4/45	Line Reactor - 3x690VAC, 45 Amps, 0.490mH Inductivity
LR3-40-4/50	Line Reactor - 3x690VAC, 50 Amps, 0.590mH Inductivity
LR3-40-4/63	Line Reactor - 3x690VAC, 63 Amps, 0.470mH Inductivity
LR3-40-4/70	Line Reactor - 3x690VAC, 70 Amps, 0.420mH Inductivity
LR3-40-4/80	Line Reactor - 3x690VAC, 80 Amps, 0.370mH Inductivity

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



LR3A-40-4/90	Line Reactor - 3x690VAC, 90 Amps, 0.330mH Inductivity
LR3A-40-4/100	Line Reactor - 3x690VAC, 100 Amps, 0.290mH Inductivity
LR3A-40-4/115	Line Reactor - 3x690VAC, 115 Amps, 0.250mH Inductivity
LR3A-40-4/125	Line Reactor - 3x690VAC, 125 Amps, 0.230mH Inductivity
LR3A-40-4/160	Line Reactor - 3x690VAC, 160 Amps, 0.180mH Inductivity
LR3A-40-4/180	Line Reactor - 3x690VAC, 180 Amps, 0.123mH Inductivity
LR3A-40-4/200	Line Reactor - 3x690VAC, 200 Amps, 0.150mH Inductivity
LR3A-40-4/250	Line Reactor - 3x690VAC, 250 Amps, 0.120mH Inductivity
LR3A-40-4/300	Line Reactor - 3x690VAC, 300 Amps, 0.089mH Inductivity
LR3A-40-4/400	Line Reactor - 3x690VAC, 400 Amps, 0.074mH Inductivity
LR3A-40-4/500	Line Reactor - 3x690VAC, 500 Amps, 0.059mH Inductivity
LR3A-40-4/630	Line Reactor - 3x690VAC, 630 Amps, 0.047mH Inductivity
LR3A-40-4/710	Line Reactor - 3x690VAC, 710 Amps, 0.042mH Inductivity
LR3A-40-4/800	Line Reactor - 3x690VAC, 800 Amps, 0.037mH Inductivity
LR3A-40-4/1000	Line Reactor - 3x690VAC, 1000 Amps, 0.030mH Inductivity
LR3A-40-4/1200	Line Reactor - 3x690VAC, 1200 Amps, 0.025mH Inductivity
LR3A-40-4/1400	Line Reactor - 3x690VAC, 1400 Amps, 0.021mH Inductivity
LR3A-40-4/1600	Line Reactor - 3x690VAC, 1600 Amps, 0.019mH Inductivity

# LINE FILTERS

## HFE 104 SERIES LINE FILTERS



- HFE 104-230/3** Single Phase Line Filter with Low Leakage Current, 3 Amp
- HFE 104-230/10** Single Phase Line Filter with Low Leakage Current, 10 Amp
- HFE 104-230/20** Single Phase Line Filter with Low Leakage Current, 20 Amp
- HFE 104-230/65** Single Phase Line Filter with Low Leakage Current, 65 Amp

## HFE 165 SERIES LINE FILTERS



- HFE 156-230/10** Single Phase Line Filter with Low Leakage Current, DIN Mount, 10 Amp
- HFE 156-230/16** Single Phase Line Filter with Low Leakage Current, DIN Mount, 16 Amp

## HLE 110 SERIES LINE FILTERS



- HLE 110-230/20** Single Phase Line Filter for Enhanced Requirements, 20 Amp
- HLE 110-230/25** Single Phase Line Filter for Enhanced Requirements, 25 Amp
- HLE 110-230/30** Single Phase Line Filter for Enhanced Requirements, 30 Amp
- HLE 110-230/42** Single Phase Line Filter for Enhanced Requirements, 42 Amp
- HLE 110-230/55** Single Phase Line Filter for Enhanced Requirements, 55 Amp

## HLD 110 THREE PHASE LINE FILTERS



- HLD110-500/42** Line Filter for Enhanced Requirements, 0-520VAC, 3x42 Amp
- HLD110-500/55** Line Filter for Enhanced Requirements, 0-520VAC, 3x55 Amp
- HLD110-500/75** Line Filter for Enhanced Requirements, 0-520VAC, 3x75 Amp
- HLD110-500/100** Line Filter for Enhanced Requirements, 0-520VAC, 3x100 Amp
- HLD110-500/130** Line Filter for Enhanced Requirements, 0-520VAC, 3x130 Amp
- HLD110-500/180** Line Filter for Enhanced Requirements, 0-520VAC, 3x180 Amp
- HLD110-500/250** Line Filter for Enhanced Requirements, 0-520VAC, 3x250 Amp

## HLD 103 THREE PHASE LINE FILTERS



- HLD103-500/270** Line Filter for Enhanced Requirements, 0-520VAC, 3x270 Amp
- HLD103-500/400** Line Filter for Enhanced Requirements, 0-520VAC, 3x400 Amp
- HLD103-500/750** Line Filter for Enhanced Requirements, 0-520VAC, 3x750 Amp
- HLD103-500/1000** Line Filter for Enhanced Requirements, 0-520VAC, 3x1000 Amp
- HLD103-500/1800** Line Filter for Enhanced Requirements, 0-520VAC, 3x1800 Amp