

## LINE REACTOR

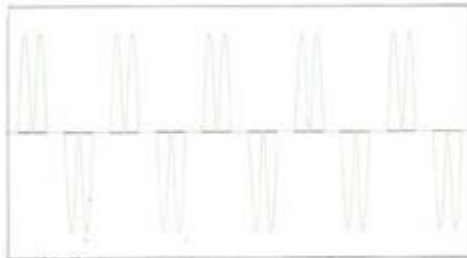
Line reactors are installed at the input of variable speed drives. They prevent voltage notches and amortize the harmonic content of the current consumed by the inverter.

In addition, they increase the life of the electrical conductor. Line reactors are connected in series with the inverter.

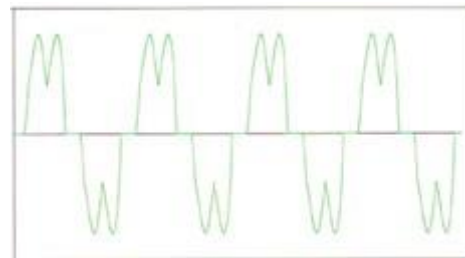
They help reduce the system short-circuit current, allowing for more economical circuit-breaker solutions.

### Technical Characteristics

- Highly permeable iron core
- High quality copper or aluminum windings
- High linearity
- Low losses and high efficiency
- Design capability with short circuit voltage % 4
- Vacuum impregnated varnish to ensure silent and moisture-immune operation
- Sign and compatibility with EN 61558-2-20 and relevant paragraphs
- Manufactured under ISO 9001 quality management system



**BEFORE INSTALLATION LINE SELF**



**AFTER INSTALLATION LINE SELF**

## Technical specifications

LINE SELF= 4%					
PRODUT CODE	Current (A)	Motor Power (kW)	Inductance (mH)	Losse (W)	Weight (Kg)
CAP LR 400V/5kW	10	5	2.93	47	2.1
CAP LR 400V/7.5kW	16	7.5	1.83	74	3
CAP LR 400V/11kW	24	11	1.17	77	4.7
CAP LR 400V/15kW	30	15	0.98	79	4.9
CAP LR 400V/18.5kW	37	18.5	0.81	82	6.4
CAP LR 400V/22kW	50	22	0.59	105	9
CAP LR 400V/37kW	75	37	0.385	172	11
CAP LR 400V/45kW	90	45	0.32	180	11
CAP LR 400V/55kW	110	55	0.27	188	18
CAP LR 400V/75kW	150	75	0.18	216	20
CAP LR 400V/90kW	180	90	0.163	224	31
CAP LR 400V/110kW	250	110	0.118	291	40
CAP LR 400V/132kW	300	132	0.098	325	38
CAP LR 400V/160kW	350	160	0.084	388	40
CAP LR 400V/200kW	400	200	0.074	382	48
CAP LR 400V/250kW	500	250	0.059	441	60
CAP LR 400V/315kW	700	315	0.042	482	75
CAP LR 400V/400kW	800	400	0.037	594	114
CAP LR 400V/500kW	1000	500	0.029	729	120
CAP LR 400V/600kW	1200	600	0.024	704	156