

MOTOR REACTORS

Motor reactors are installed between the variable speed drive and the motor. They are used to attenuate the harmonic content of the voltage generated by the drive.

The operating voltage is up to 1000V.

The connectors can be terminal blocks, bars or cables, depending on the power.

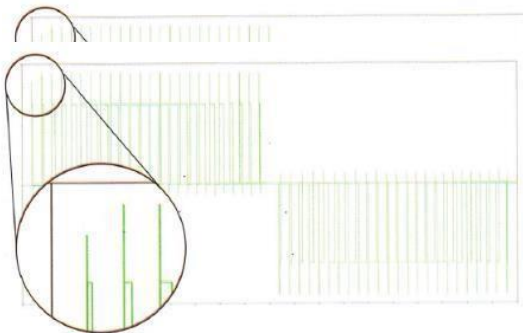
The reactors are compatible with international standards and CE marking. Reactors are also produced under ISO9001 quality management system.

The motor reactors are classified according to their switching frequencies. They are mainly designed for a switching frequency band of 4 kHz to 12 kHz. For switching frequencies above 12 kHz, the motor reactor can be realized on command.

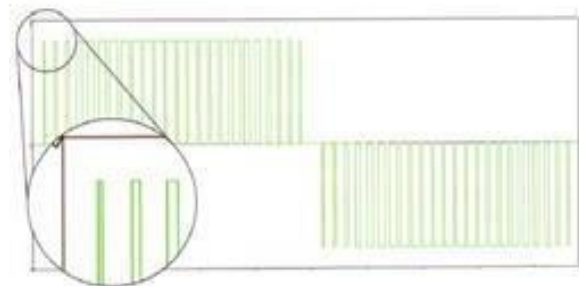


Technical characteristics

- Highly permeable iron core
- High quality copper or aluminum windings
- High linearity
- Design capability for different clock frequencies
- Low losses and high efficiency
- Vacuum impregnated varnish to ensure quiet operation and immune to moisture
- Sign and compatibility with EN 61558-2-20 and relevant paragraphs
- Manufactured under ISO 9001 quality management system



BEFORE INSTALLATION MOTOR REACTOR



AFTER INSTALLATION MOTOR REACTOR

Product data sheet

Technical specifications

Product code	Power (kW)	Inductance (mH)	Losses (W)	Weight (kg)
CAP.MR 400V/4kW	4	1.75	32	1.39
CAP.MR 400V/5kW	5	1.44	38	1.40
CAP.MR 400V/5.5kW	5.5	1.15	44	1.45
CAP.MR 400V/7.5kW	7.5	0.92	50	1.52
CAP.MR 400V/10kW	10	0.74	51	1.54
CAP.MR 400V/11kW	11	0.59	56	2.82
CAP.MR 400V/15kW	15	0.45	58	2.9
CAP.MR 400V/18.5kW	18.5	0.48	68	4.4
CAP.MR 400V/22kW	22	0.3	95	5.01
CAP.MR 400V/30kW	30	0.24	81	6.41
CAP.MR 400V/37kW	37	0.2	90	7.76
CAP.MR 400V/45kW	45	0.16	100	9.21
CAP.MR 400V/55kW	55	0.13	141	10.9
CAP.MR 400V/60kW	60	0.12	142	11
CAP.MR 400V/75kW	75	0.09	189	13.5
CAP.MR 400V/90kW	90	0.08	190	16.8
CAP.MR 400V/100kW	100	0.075	197	18.95
CAP.MR 400V/110kW	110	0.05	212	19.41

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Product data sheet

CAP.MR 400V/132kW	132	0.046	256	29.33
CAP.MR 400V/160kW	160	0.042	267	29.5
CAP.MR 400V/200kW	200	0.037	286	33.45
CAP.MR 400V/250kW	250	0.029	421	42.16
CAP.MR 400V/300kW	300	0.023	431	54.12
CAP.MR 400V/315kW	315	0.021	434	54.35
CAP.MR 400V/400kW	400	0.018	442	54.74
CAP.MR 400V/450kW	450	0.016	450	56.35
CAP.MR 400V/500kW	500	0.014	477	57.01
CAP.MR 400V/600kW	600	0.011	675	73.21