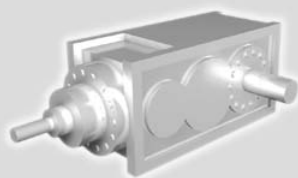
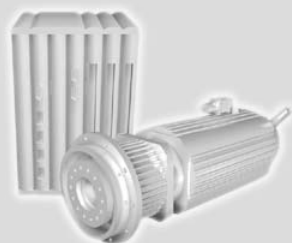
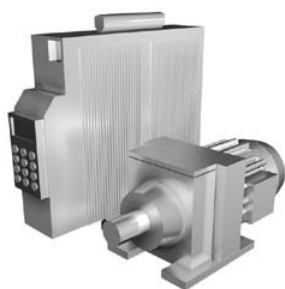




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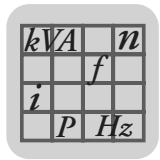
MOVIDRIVE® MDX60B / 61B

Edition 09/2006

11556226 / EN

Corrections





1 Technical Data and Dimension Drawings

	NOTES
	- This correction sheet replaces the assignment of ND.. type line chokes to the MOVIDRIVE® MDX60B/61B units in the MOVIDRIVE® MDX60B/61B catalog, part number 11428228, edition 09/2006. Only electrical specialists are allowed to perform installation and startup observing relevant accident prevention regulations and the MOVIDRIVE® MDX60B/61B operating instructions!

1.1 Line choke type ND..

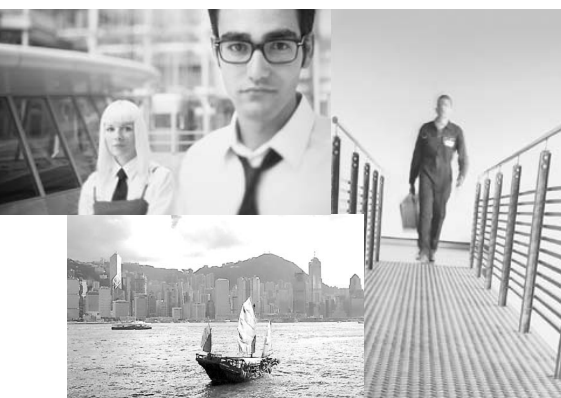
- To increase overvoltage protection.
- To limit the charging current when several inverters are connected together in parallel on the input end with shared mains contactors (rated current of line choke = total of inverter currents).
- ND.. line filters have cRUus approval independent of the MOVIDRIVE® drive inverters.

Line choke type	ND020-013	ND030-023 ¹⁾	ND045-013	ND085-013	ND150-013	ND200-0033	ND300-0053
Part number	826 012 5	827 151 8	826 013 3	826 014 1	825 548 2	826 579 8	827 721 4
Rated voltage U _N	3 × AC 380 V -10 % ... 3 × AC 500 V +10 %, 50/60 Hz						
Rated current ²⁾ I _N	AC 20 A	AC 30 A	AC 45 A	AC 85 A	AC 150 A	AC 200 A	AC 300 A
Power loss at I _N P _V	10 W	30 W	15 W	25 W	65 W	100 W	280 W
Inductance L _N	0.1 mH	0.2 mH	0.1 mH	0.1 mH	0.1 mH	0.03 mH	0.05 mH
Ambient temperature ϑ _U	-25 ... +45 °C						
Degree of protection	IP 00 (EN 60529)						
Connections	Terminal strips 4 mm ² (AWG12)	Terminal strips 2.5 mm ² ... 10 mm ² (AWG13 ... AWG8)	Terminal blocks 10 mm ² (AWG8)	Terminal blocks 35 mm ² (AWG2)	M10 stud PI: M8 stud		M12 stud PI: 2 × M10
Tightening torque	0.6 ... 0.8 Nm	max. 2.5 Nm		3.2 ... 3.7 Nm	M10 stud: 10 Nm PI: 6 Nm		M12 stud: 15.5 Nm PI: 10 Nm
Assignment to AC 400/500 V units (MDX60/61B...-5_3)							
Rated operation (100 %)	0005...0075	0110...0220		0300...0450 and MDR60A0370	0550/0750	MDR60A 0750	0900...1320
Increased power (125 %)	0005...0075	0110/0150		0220...0370	0450...0750		
Assignment to AC 230 V units (MDX61B...-2_3)							
Rated operation (100 %)	0015...0055	-	0075/0110	0150/0220	0300	-	-
Increased power (125 %)	0015...0037	-	0055/0075	0110/0150	0220/0300	-	-

- 1) Use ND030-023 for DC link connection without regenerative power supply unit in connection type A or B (→ system manual MOVIDRIVE® MDR60A regenerative power supply unit).
- 2) If more than one MOVIDRIVE® unit is connected to a line choke, the **total value of the rated currents** of the connected units **must not exceed the rated current of the line choke!**

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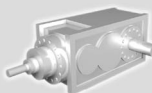
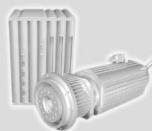


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