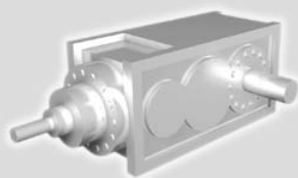
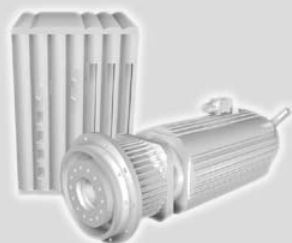
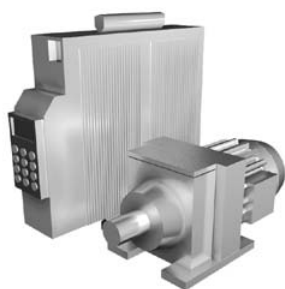




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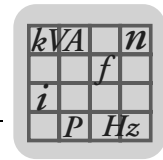
MOVIDRIVE® MDX60B / 61B

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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With a worldwide service network that is always close at hand.

With drives and controls that automatically improve your productivity.

With comprehensive knowledge in virtually every branch of industry today.

With uncompromising quality that reduces the cost and complexity of daily operations.



With a global presence that offers responsive and reliable solutions. Anywhere.

With innovative technology that solves tomorrow's problems today.

With online information and software updates, via the Internet, available around the clock.

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