



MOVIDRIVE® B drive inverter

Flexible, compact and intelligent: our MOVIDRIVE® B drive inverters. They save space in the control cabinet and are equipped with integrated positioning and sequence control as standard.



MOVIDRIVE® B application inverters

Configure your individual product

- Detailed information about your individual product
- CAD data and documentation for your configuration
- Option to directly request a quotation or place an order

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Your benefits

Universal motor control and control technology

MOVIDRIVE® drive inverters control asynchronous AC drives as well as synchronous servo drives.

Broad and flexible range of options

e.g. fieldbus interfaces, encoder interfaces and safety functions enable individual applications.

Compact design

thanks to its book-style design: it enables a seamless connection and saves space in the control cabinet.

Integrated functional safety

with its STO (Safe Torque Off) safety function in accordance with PL d pursuant to EN ISO 13849-1.

They control everything: MOVIDRIVE® B drive inverters

Whether asynchronous AC drives or synchronous servo drives - the MOVIDRIVE® B drive inverters can control it. The broad power range from 0.55 kW to 315 kW, the fantastic overload capacity and the modular concept of the MOVIDRIVE® B inverter help to improve the flexibility and efficiency of your applications.

The compact design of the MOVIDRIVE® drive inverter saves space in the control cabinet, while its high user-friendliness ensures that you save time during parametrization, while the intelligent IPOS^{plus} positioning and sequence control is included as standard.

A multitude of inputs and outputs in the drive inverter ensure a competent basic functionality. Optional communication and technology modules provide for quick and easy extension.

Technical data

Supply voltage V_{AC} : 3 x 380 – 500

Supply frequency (Hz): 50 – 60 ± 5 %

Output frequency Hz: 0 – 400

Motor control mode: U/f, VFC, CFC, Servo						
MOVIDRIVE® B Type	Power range kW		Nominal output current A		Size	Dimensions W x H x D mm
	with overload reserve 1.5 x I _N	without overload reserve	with overload reserve	without overload reserve		
MDX60/61B 0005-5A3-4-0_	0.55	0.75	2	2.5	0S	45 / 27.5 x 317 x 260
MDX60/61B 0008-5A3-4-0_	0.75	1.1	2.4	3		
MDX60/61B 0011-5A3-4-0_	1.1	1.5	3.1	3.8	0M	67.5 / 95 x 317 x 260
MDX60/61B 0014-5A3-4-0_	1.5	2.2	4	5		
MDX61B 0015-5A3-4-0_	1.5	2.2	4	5	1	105 x 314 x 234
MDX61B 0022-5A3-4-0_	2.2	3	5.5	6.9		
MDX61B 0030-5A3-4-0_	3	4	7	8.8		
MDX61B 0040-5A3-4-0_	4	5.5	9.5	11.9		
MDX61B 0055-5A3-4-0_	5.5	7.5	12.5	15.6	2S	105 x 335 x 294
MDX61B 0075-5A3-4-0_	7.5	11	16	20		
MDX61B 0110-5A3-4-0_	11	15	24	30	2	135 x 315 x 285

Supply voltage V_{AC}: 3 x 380 – 500

Supply frequency (Hz): 50 – 60 ± 5 %

Output frequency Hz: 0 – 400

Motor control mode: U/f, VFC, CFC, Servo						
MOVIDRIVE® B Type	Power range kW		Nominal output current A		Size	Dimensions W x H x D mmv
	with overload reserve 1.5 x I _N	without overload reserve	with overload reserve	without overload reserve		
MDX61B 0150-503-4-0_	15	22	32	40	3	200 x 465 x 308
MDX61B 0220-503-4-0_	22	30	46	57.5		

MDX61B 0300-503-4-0_	30	37	60	75		
MDX61B 0370-503-4-0_	37	45	73	91	4	280 x 522 x 307
MDX61B 0450-503-4-0_	45	55	89	111		
MDX61B 0550-503-4-0_	55	75	105	131	5	280 x 610 x 330
MDX61B 0750-503-4-0_	75	90	130	162		
MDX61B 0900-503-4-0_	90	110	170	212	6	280 x 1 000 x 382
MDX61B 1100-503-4-0_	110	132	200	250		
MDX61B 1320-503-4-0_	132	160	250	312		
MDX61B 1600-503-4-0_	160	200	300	380	7	700 x 1 490 x 470
MDX61B 2000-503-4-0_	200	250	380	475		
MDX61B 2500-503-4-0_	250	312	475	590		

Supply voltage V_{AC}: 3 x 200 – 240

Supply frequency (Hz): 50 – 60 ± 5 %

Output frequency Hz: 0 – 400

Motor control mode: U/f, VFC, CFC, Servo

MOVIDRIVE® B Type	Power range kW		Nominal output current A		Size	Dimensions W x H x D mm
	with overload reserve 1.5 I _N	without overload reserve	with overload reserve	without overload reserve		
MDX61B 0015-2A3-4-0_	1.5	2.2	7.3	9.1	1	105 x 314 x 234
MDX61B 0022-2A3-4-0_	2.2	3.7	8.6	10.8		
MDX61B 0055-2A3-4-0_	3.7	5	5.8	18.1		
MDX61B 0075-2A3-4-0_	5.5	7.5	22	27.5	2	135 x 315 x 285

MDX61B 0015-2A3-4-0_	7.5	11	29	36.3		
MDX61B 0110-203-4-0_	11	15	42	52.5	3	200 x 465 x 308
MDX61B 0150-203-4-0_	15	22	54	67.5		
MDX61B 0220-203-4-0_	22	30	80	100	4	280 x 522 x 307
MDX61B 0300-203-4-0_	30	37	95	118		