

For simple applications
MOVITRAC® LTE B

Frequency inverter



Quick solution for simple applications

The new MOVITRAC® LTE B frequency inverter is ideally suited for simple applications. It was designed and developed for speed control of asynchronous motors and is ideal for implementing tasks in conveyor applications, such as small, modular conveyor belts, fans and pumps, in a very economical manner.

The MOVITRAC® LTE B frequency inverter proves itself through its adjusted scope of functions for simple applications. User-friendly operation allows for fast and easy integration. It goes without saying that this versatile frequency inverter meets the high quality standards of SEW-EURODRIVE.

MOVITRAC® LTE B is available in three sizes in the power range from 0.5 to 15 HP for 115 V, 230 V and 460 V supply voltages. In addition to the standard version that provides IP20 level protection for installation in the control cabinet, SEW-EURODRIVE also offers a version with IP55/NEMA 12k protection for use under specific environmental conditions. This means MOVITRAC® LTE B will also operate reliably in environments where they are exposed to dust and water.

MOVITRAC® LTE B at a glance

- 3 sizes for the power range from 0.5 ...15 HP
- Supply voltages: 1-phase 115 V and 230 V, 3-phase 230 V and 460 V
- 40 configurable parameters
- Enclosures: IP20/NEMA 1 (control cabinet) and IP55/NEMA 12k-housing
- Integrated brake chopper sizes 2+3S
- Very compact design
- Easy and quick installation and startup
- Parameter module for data security
- Integrated operating panel for easy operation
- Integrated EMC filter (optional)
- Pull-out reference guide
- Optional: external operating panel
- Connection to fieldbuses via DFX gateways
- Conform to EN 61800-5-1, EN 61800-3, EN 55011
- Meets , UL508, C22.2 No. 14 standards



Supply voltage V_{AC} : 1 x 100 ... 115 ± 10 %

MOVITRAC® LTE B type	Power range [HP]	Rated output current [A]	Size	Dimensions in mm / W x H x D	
				IP20-housing	IP55/NEMA 12k-housing
0004-101-1-*x0	0.5	2.3	1	80 x 165 x 125	140 x 200 x 162
0008-101-1-*x0	1.0	4.3			
0011-101-4-*x0	1.5	5.8	2	100 x 220 x 145	165 x 310 x 176

Frequency Hz: 50 ... 60 ± 5 %

Supply voltage V_{AC} : 1 x 200 ... 240 ± 10 %

MOVITRAC® LTE B type	Power range [HP]	Rated output current [A]	Size	Dimensions in mm / W x H x D	
				IP20-housing	IP55/NEMA 12k-housing
0004-201-1-*x0	0.5	2.3	1	80 x 165 x 125	140 x 200 x 162
0008-201-1-*x0	1.0	4.3			
0015-201-1-*x0	2.0	7.0			
0015-201-4-*x0	2.0	7.0	2	100 x 220 x 145	165 x 310 x 176
0022-201-4-*x0	3.0	10.5			

Frequency Hz: 50 ... 60 ± 5 %

Supply voltage V_{AC} : 3 x 200 ... 240 ± 10 %

MOVITRAC® LTE B type	Power range [HP]	Rated output current [A]	Size	Dimensions in mm / W x H x D	
				IP20-housing	IP55/NEMA 12k-housing
0015-203-4-*x0	2.0	7.0	2	100 x 220 x 145	165 x 310 x 176
0022-203-4-*x0	3.0	10.5			
0040-203-4-*x0	5.0	18.0	3S	130 x 250 x 160	220 x 390 x 220

Frequency Hz: 50 ... 60 ± 5 %

Supply voltage V_{AC} : 3 x 380 ... 480 ± 10 %

MOVITRAC® LTE B type	Power range [HP]	Rated output current [A]	Size	Dimensions in mm / W x H x D	
				IP20-housing	IP55/NEMA 12k-housing
0008-503-1-*x0	1.0	2.2	1	80 x 165 x 125	140 x 200 x 162
0015-503-1-*x0	2.0	4.1			
0015-503-4-*x0	2.0	4.1	2	100 x 220 x 145	165 x 310 x 176
0022-503-4-*x0	3.0	5.8			
0040-503-4-*x0	5.0	9.5			
0055-503-4-*x0	7.5	14.0	3S	130 x 250 x 160	220 x 390 x 220
0075-503-4-*x0	10	18.0			
0110-503-4-*x0	15	24.0			—

Frequency Hz: 50 ... 60 ± 5 %

xxxx-xxx-x-*00 = IP20-housing, xxxx-xxx-x-*10/*20 = IP55/NEMA 12k-housing

How we're driving the world

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

With drives and controls that automatically improve your productivity.

With comprehensive knowledge in virtually every branch of industry today.

With industry-leading training and 24-hour technical support, nationwide.



SEW-EURODRIVE
Driving the world

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

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

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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