

For simple applications
MOVITRAC® LTE-B⁺ in IP20 and IP66
Now also available up to 37 kW

Frequency inverters



A quick solution for basic applications, now also available up to 37 kW

MOVITRAC® LTE-B⁺ series frequency inverters are ideally suited for simple applications. They were designed and developed for speed control of asynchronous and synchronous motors and are used for implementing tasks in conveyor applications, such as small, modular conveyor belts, fans and pumps, in a very economical manner.

Overview of MOVITRAC® LTE-B⁺

- Degrees of protection: IP20 / NEMA 1 (control cabinet) and IP66 / NEMA 4x housing for field installation
- Nominal power: 0.37 – 37.0 kW in 5 sizes
- 1-phase 115 V and 230 V
- 3-phase 230 V and 400 V
- Preconfigured for asynchronous AC motors, e.g. type DRN.. (IE3)
- **NEW:** Extended power range in IP20, up to 37 kW
- **NEW:** Enhanced IP66 housing for outdoor use
- Control of synchronous motors type DR..J (IE4) (LSPM technology)
- **NEW:** Operation at temperatures as low as -20 °C
- **NEW:** Light vector flux control (LVFC) for asynchronous motors
- Integrated keypad for easy operation
- Integrated PI controller
- Integrated energy-saving function
- Extra low-noise up to 32 kHz (e.g. for manual work places)
- Integrated connection for SBus, CANopen and Modbus
- Connection to fieldbuses via DFX gateways
- Software connection for data backup
- Optional: external keypad
- Approved in accordance with C-Tick, UL, UL508, C22.2 no. 14



The range of functions provided by MOVITRAC® LTE-B⁺ is particularly well adapted to simple applications. The compact design and user-friendly handling makes for fast and simple integration into numerous applications no matter whether using the IP20 variant in the control cabinet or IP66 in the field. At the same time, MOVITRAC® LTE-B⁺ meets the high quality requirements of SEW-EURODRIVE as a matter of course.

Connection voltage V_{AC} : 1 × 115 ± 10%

MOVITRAC® LTE-B ⁺ type	Power range kW	Nominal output current A	Size	Dimensions in mm / W × H × D	
				IP20 housing	IP66/NEMA 4x housing
0004-101-1-*x0 0008-101-1-*x0	0.37 0.75	2.3 4.3	1	79 × 174 × 123	161 × 232 × 179
0011-101-4-*x0	1.1	5.8		104 × 220 × 150	188 × 257 × 186.5

Line frequency Hz: 50 – 60 ± 5%

Connection voltage V_{AC} : 1 × 200 – 240 ± 10%

MOVITRAC® LTE-B ⁺ type	Power range kW	Nominal output current A	Size	Dimensions in mm / W × H × D	
				IP20 housing	IP66/NEMA 4x housing
0004-2B1-1-*x0 0008-2B1-1-*x0 0015-2B1-1-*x0	0.37 0.75 1.5	2.3 4.3 7.0	1	79 × 174 × 123	161 × 232 × 179
0015-2B1-4-*x0 0022-2B1-4-*x0	1.5 2.2	7.0 10.5	2	104 × 220 × 150	188 × 257 × 186.5
0040-2B1-4-*x0	4.0	15	3S	126 × 261 × 178	210.5 × 310 × 228.7

Line frequency Hz: 50 – 60 ± 5%

Connection voltage V_{AC} : 1 × 200 – 240 ± 10%

MOVITRAC® LTE-B ⁺ type	Power range kW	Nominal output current A	Size	Dimensions in mm / W × H × D	
				IP20 housing	IP66/NEMA 4x housing
0015-2A3-4-*x0 0022-2A3-4-*x0	1.5 2.2	7.0 10.5	2	104 × 220 × 150	188 × 257 × 186.5
0040-2A3-4-*x0 0055-2A3-4-*x0	4.0 5.5	18.0 24.0	3S	126 × 261 × 178	210.5 × 310 × 228.7
0075-2A3-4-*x0 0110-2A3-4-*x0	7.5 11	30.0 46.0	4	171 × 420 × 212	–
0150-2A3-4-*x0 0185-2A3-4-*x0	15 18.5	61.0 72.0	5	222 × 486 × 226	–

Line frequency Hz: 50 – 60 ± 5%

Connection voltage V_{AC} : $3 \times 380 - 480 \pm 10\%$

MOVITRAC® LTE-B+ type	Power range kW	Nominal output current A	Size	Dimensions in mm / W × H × D	
				IP20 housing	IP66/NEMA 4x housing
0008-5A3-1-*x0 0015-5A3-1-*x0	0.75 1.5	2.2 4.1	1	79 × 174 × 123	161 × 232 × 179
0015-5A3-4-*x0 0022-5A3-4-*x0 0040-5A3-4-*x0	1.5 2.2 4.0	4.1 5.8 9.5	2	110 × 221 × 150	188 × 257 × 186.5
0055-5A3-4-*x0 0075-5A3-4-*x0	5.5 7.5	14.0 18.0	3	131 × 261 × 175	210.5 × 310 × 228.7
0110-5A3-4-00	11.0	24.0			
0150-5A3-4-00	15.0	30.0	4	171 × 420 × 212	–
0185-5A3-4-00	18.5	39.0			
0220-5A3-4-00	22	48.0			
0300-5A3-4-00	30	61.0	5	222 × 486 × 226	–
0370-5A3-4-00	37	72.0			

Line frequency Hz: $50 - 60 \pm 5\%$

xxxx-xxx-x-*00 = IP20 housing, xxxx-xxx-x-*40 = IP66/NEMA 4x housing with power switch



IP20



IP66



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