

For simple applications
MOVITRAC® LTE-B⁺
IP20 up to 37 kW and IP66 up to 22 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)
- Control of synchronous motors type DR..J (IE4) (LSPM technology)
- Light vector flux control (LVFC) for asynchronous motors
- Integrated keypad and service interface 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
- Approval: CE, UKCA, C-Tick, UL, UL508, C22.2 no. 14
- Operation at temperatures as low as -20 °C



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} : $1 \times 115 \pm 10\%$

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

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-xx*	0.37	2.3	1	83 × 173 × 123	161 × 232 × 162
0008-101-1-xx*	0.75	4.3			
0011-101-4-xx*	1.1	5.8	2	110 × 221 × 150	188 × 257 × 182

xx* = 00 = IP20 housing

xx* = 30 = IP66 housing

xx* = 40 = IP66 housing with maintenance switch

Connection voltage V_{AC} : $1 \times 200 - 240 \pm 10\%$

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

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-xx*	0.37	2.3	1	83 × 173 × 123	161 × 232 × 162
0008-2B1-1-xx*	0.75	4.3			
0015-2B1-1-xx*	1.5	7			
0015-2B1-4-xx*	1.5	7	2	110 × 221 × 150	188 × 257 × 182
0022-2B1-4-xx*	2.2	10.5			
0040-2B1-4-xx*	4	15	3	131 × 261 × 175	211 × 310 × 235

xx* = 00 = IP20 housing

xx* = 30 = IP66 housing

xx* = 40 = IP66 housing with maintenance switch

Connection voltage V_{AC} : $3 \times 200 - 240 \pm 10\%$

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

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-xx*	1.5	7	2	110 × 221 × 150	188 × 257 × 182
0022-2A3-4-xx*	2.2	10.5			
0040-2A3-4-xx*	4	18	3	131 × 261 × 175	211 × 310 × 235
0055-2A3-4-xx*	5.5	24			
0075-2A3-4-xx*	7.5	30	4	171 × 420 × 212	240 × 360 × 271
0110-2A3-4-xx*	11	46			
0150-2A3-4-xx*	15	61	5	222 × 486 × 226	-
0185-2A3-4-xx*	18.5	72			

xx* = 00 = IP20 housing

xx* = 30 = IP66 housing

xx* = 40 = IP66 housing with maintenance switch

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

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

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-xx* 0015-5A3-1-xx*	0.75 1.5	2.2 4.1	1	83 × 173 × 123	161 × 232 × 162
0015-5A3-4-xx* 0022-5A3-4-xx* 0040-5A3-4-xx*	1.5 2.2 4	4.1 5.8 9.5	2	110 × 221 × 150	188 × 257 × 182
0055-5A3-4-xx* 0075-5A3-4-xx* 0110-5A3-4-xx*	5.5 7.5 11	14 18 24	3	131 × 261 × 175	211 × 310 × 235
0150-5A3-4-xx* 0185-5A3-4-xx* 0220-5A3-4-xx*	15 18.5 22	30 39 46	4	171 × 420 × 212	240 × 360 × 271
0300-5A3-4-xx* 0370-5A3-4-xx*	30 37	61 72	5	222 × 486 × 226	–

xx* = 00 = IP20 housing

xx* = 30 = IP66 housing

xx* = 40 = IP66 housing with maintenance switch



IP20



IP66



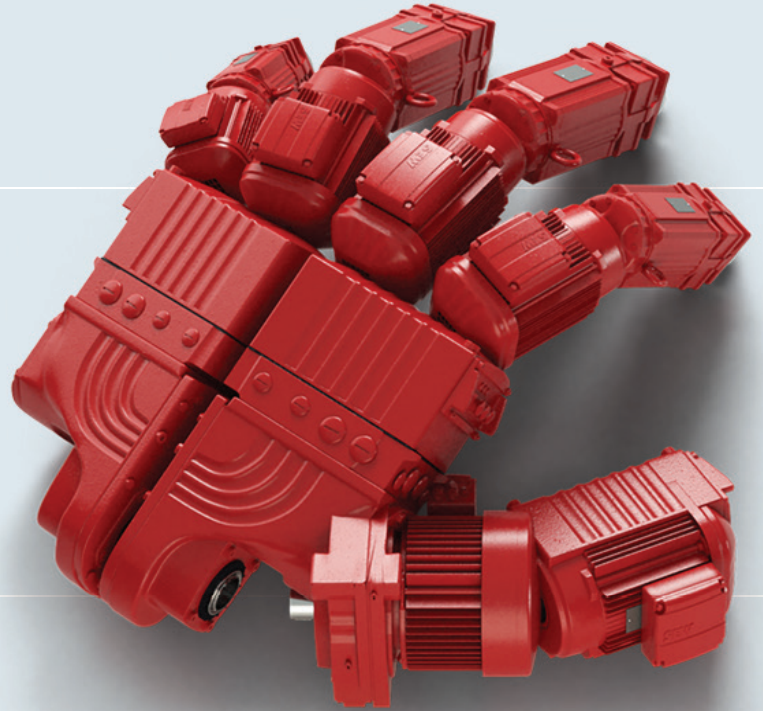
NEED A HAND SELECTING YOUR VFD?

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TF: 1.800.972.5481

CENTRAL CANADA

SEW-EURODRIVE CO. BRAMALEA
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