

For simple applications
**MOVITRAC® LTE-B⁺ in degree of protection
IP20 and IP66**

Frequency inverters



Quick solution for simple applications

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.

MOVITRAC® LTE-B+ at a glance

- Degrees of protection: IP20 / NEMA 1 (control cabinet) and IP66 / NEMA 4x housing for field installation
- Nominal power: 0.37 – 11.0 kW in 3 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:** Control of synchronous motors type DR...J (IE4) (LSPM technology)
- **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, cUL, UL508, C22.2 no. 14



MOVITRAC® LTE-B+ inverters convince by their well adapted range of functions for 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.

Supply voltage V_{AC} : 1 x 115 ± 10%

| MOVITRAC® LTE-B ⁺ type | Power range kW | Nominal output current A | Size | Dimensions in mm / W x H x 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 x 174 x 123 | 161 x 232 x 179 |
| 0011-101-4-*x0 | 1.1 | 5.8 | 2 | 104 x 220 x 150 | 188 x 257 x 186.5 |

Line frequency Hz: 50 – 60 ± 5%

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

| MOVITRAC® LTE-B ⁺ type | Power range kW | Nominal output current A | Size | Dimensions in mm / W x H x 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 x 174 x 123 | 161 x 232 x 179 |
| 0015-2B1-4-*x0 0022-2B1-4-*x0 | 1.5 2.2 | 7.0 10.5 | 2 | 104 x 220 x 150 | 188 x 257 x 186.5 |
| 0040-2B1-4-*x0 | 4.0 | 15 | 3S | 126 x 261 x 178 | 210.5 x 310 x 228.7 |

Line frequency Hz: 50 – 60 ± 5%

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

| MOVITRAC® LTE-B ⁺ type | Power range kW | Nominal output current A | Size | Dimensions in mm / W x H x 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 x 220 x 150 | 188 x 257 x 186.5 |
| 0040-2A3-4-*x0 | 4.0 | 18.0 | 3S | 126 x 261 x 178 | 210.5 x 310 x 228.7 |

Line frequency Hz: 50 – 60 ± 5%

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

| MOVITRAC® LTE-B ⁺ type | Power range kW | Nominal output current A | Size | Dimensions in mm / W x H x 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 x 174 x 123 | 161 x 232 x 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 | 104 x 220 x 150 | 188 x 257 x 186.5 |
| 0055-5A3-4-*x0 0075-5A3-4-*x0 | 5.5 7.5 | 14.0 18.0 | 3S | 126 x 261 x 178 | 210.5 x 310 x 228.7 |
| 0110-5A3-4-00 | 11.0 | 24.0 | | | |

Line frequency Hz: 50 – 60 ± 5%

SEW-EURODRIVE is right there for you:

Argentina

Tel. +54 3327 4572-84
Fax +54 3327 4572-21
sewar@sew-eurodrive.com.ar

Australia

Tel. +61 3 9933-1000
Fax +61 3 9933-1003
enquires@sew-eurodrive.com.au

Austria

Tel. +43 1 617 55 00-0
Fax +43 1 617 55 00-30
sew@sew-eurodrive.at

Belarus

Tel. +375 17 298 47 56
Fax +375 17 298 47 54
sales@sew.by

Belgium

Tel. +32 16 386-311
Fax +32 16 386-336
info@sew-eurodrive.be

Brazil

Tel. +55 19 3835-8000
sew@sew.com.br

Cameroon

Tel. +237 233 39 02 10
Fax +237 233 39 02 10
sew@sew-eurodrive.cm

Canada

Tel. +1 905 791-1553
Fax +1 905 791-2999
marketing@sew-eurodrive.ca

Chile

Tel. +56 2 2757 7000
Fax +56 2 2757 7001
ventas@sew-eurodrive.cl

China

Tel. +86 22 25322612
Fax +86 22 25323273
info@sew-eurodrive.cn

Colombia

Tel. +57 1 54750-50
Fax +57 1 54750-44
sew@sew-eurodrive.com.co

Czech Republic

Tel. +420 255 709 601
Fax +420 235 350 613
sew@sew-eurodrive.cz

Denmark

Tel. +45 43 95 8500
Fax +45 43 95 8509
sew@sew-eurodrive.dk

Finland

Tel. +358 201 589-300
Fax +358 3 780-6211
sew@sew.fi

France

Tel. +33 3 88 73 67 00
Fax +33 3 88 73 66 00
sew@usocome.com

Ghana

Tel. +233 303 963 772
info@sew-eurodrive.com.gh

Great Britain

Tel. +44 1924 893-855
Fax +44 1924 893-702
info@sew-eurodrive.co.uk

Hungary

Tel. +36 1 437 06-58
Fax +36 1 437 06-50
office@sew-eurodrive.hu

India

Tel. +91 265 3045200
Fax +91 265 3045300
marketing@seweurodriveindia.com

Italy

Tel. +39 02 96 9801
Fax +39 02 96 980 999
sewit@sew-eurodrive.it

Ivory Coast

Tel. +225 21 21 81 05
Fax +225 21 25 30 47
info@sew-eurodrive.ci

Japan

Tel. +81 538 373811
Fax +81 538 373814
sewjapan@sew-eurodrive.co.jp

Kazakhstan

Tel. +7 727 350 5156
Fax +7 727 350 5156
sew@sew-eurodrive.kz

Kenya

Tel. +254 791 398840
info@sew.co.ke

Malaysia

Tel. +60 7 3549409
Fax +60 7 3541404
sales@sew-eurodrive.com.my

Mexico

Tel. +52 442 1030-300
Fax +52 442 1030-301
scmexico@seweurodrive.com.mx

Morocco

Tel. +212 522 88 85 00
Fax +212 522 88 84 50
sew@sew-eurodrive.ma

Netherlands

Tel. +31 10 4463-700
Fax +31 10 4155-552
info@sew-eurodrive.nl

New Zealand

Tel. +64 9 2745627
Fax +64 9 2740165
sales@sew-eurodrive.co.nz

Norway

Tel. +47 69 24 10 20
Fax +47 69 24 10 40
sew@sew-eurodrive.no

Paraguay

Tel. +595 991 519695
Fax +595 21 3285539
sewppy@sew-eurodrive.com.py

Peru

Tel. +51 1 3495280
Fax +51 1 3493002
sewperu@sew-eurodrive.com.pe

Poland

Tel. +48 42 293 00 00
Fax +48 42 293 00 49
sew@sew-eurodrive.pl

Portugal

Tel. +351 231 20 9670
Fax +351 231 20 3685
infosew@sew-eurodrive.pt

Russia

Tel. +7 812 3332522
Fax +7 812 3332523
sew@sew-eurodrive.ru

Singapore

Tel. +65 68621701
Fax +65 68612827
sewsingapore@sew-eurodrive.com

Slovakia

Tel. +421 2 33595 202
Fax +421 2 33595 200
sew@sew-eurodrive.sk

South Africa

Tel. +27 11 248 7000
Fax +27 11 248 7289
info@sew.co.za

South Korea

Tel. +82 31 492-8051
Fax +82 31 492-8056
master.korea@sew-eurodrive.com

Spain

Tel. +34 94 4318470
Fax +34 94 4318471
sew.spain@sew-eurodrive.es

Sweden

Tel. +46 36 34 42 00
Fax +46 36 34 42 80
jonkoping@sew.se

Switzerland

Tel. +41 61 41717-17
Fax +41 61 41717-00
info@imhof-sew.ch

Tanzania

Tel. +255 22 277 5780
Fax +255 22 277 5788
info@sew.co.tz

Thailand

Tel. +66 38 454281
Fax +66 38 454288
sewthailand@sew-eurodrive.com

Turkey

Tel. +90 262 999 1000-04
Fax +90 262 999 1009
sew@sew-eurodrive.com.tr

Ukraine

Tel. +380 56 370 3211
Fax +380 56 372 2078
sew@sew-eurodrive.ua

United Arab Emirates

Tel. +971 4 8806461
Fax +971 4 8806464
info@sew-eurodrive.ae

Uruguay

Tel. +598 2 2118189
Fax +598 2 2118190
sewuy@sew-eurodrive.com.uy

USA

Tel. +1 864 439-7537
Fax +1 864 439-7830
cslyman@seweurodrive.com

Uzbekistan

Tel. +998 71 2359411
Fax +998 71 2359412
sew@sew-eurodrive.uz

Venezuela

Tel. +58 241 832-9804
Fax +58 241 838-6275
ventas@sew-eurodrive.com.ve

How we're driving the world



SEW-EURODRIVE
Driving the world

SEW
EURODRIVE

SEW-EURODRIVE GmbH & Co KG
P.O.Box 30 23
76642 Bruchsal/Germany
Tel. +49 7251 75-0
Fax +49 7251 75-1970
sew@sew-eurodrive.com

→ www.sew-eurodrive.com