

For powerful applications in the field
MOVITRAC® LTP-B

Standard inverter



MOVITRAC® LTP-B: The all-rounder for field applications

The standard inverters of the MOVITRAC® LTP-B series are optimally matched to meet the requirements outside a control cabinet and are thus designed in degree of protection IP55 as standard. They have been developed for open-loop speed control of asynchronous and synchronous motors without encoder and are particularly economical in conveyor applications, hoists, as well as in fans and pumps.

MOVITRAC® LTP-B in degree of protection IP55 come in 6 sizes with a power rating from 0.75 to 160 kW – optimally suited for use in a dusty and humid environment. They are space-saving and can easily be mounted to a wall. As an

alternative, inverters for installation in the control cabinet in the power range from 0.75 to 15 kW are available in degree of protection IP20.



MOVITRAC® LTP-B standard inverters convince by their optimized scope of functions and their innovative housing technology. The compact design and universal use make for quick and easy integration into a multitude of applications, be it with asynchronous motors or synchronous motors, with or without encoder.



Overview of MOVITRAC® LTP-B

- Operation of asynchronous and synchronous motors (also without encoder)
- Standard design: Housing degree of protection IP55 / NEMA 12k*, optionally in degree of protection IP20 / NEMA 1
- Keypad for easy startup
- Integrated EMC filter for 230 V and 400 V
- “Safe Torque Off” safety function (STO) according to EN ISO 13849-1 PL d
- Power range:
 - MC LTP-B in IP55: 0.75 – 160 kW
 - MC LTP-B in IP20: 0.75 – 15 kW
- Line voltages: 1x 230 V, 3x 230 V, 3x 400 V, and 3x 575 V
- Motor control modes: V/f, VFC, VFC torque
- Overload capacity up to 175%
- Interfaces (I/O):
 - Digital I/Os: max. 5 DI + 2 DO
 - Analog I/Os: max. 2 AI + 2 AO
 - 2 relay contacts
- Integrated PID controller
- Energy saving function
- Wide range of accessories: Cable sets, OLED full text display, etc.
- Process data exchange via fieldbus connection with PROFIBUS DP, PROFINET, POWERLINK, EtherCAT®, EtherNet/IP™, DeviceNet™, BACnet, CANopen, Modbus TCP or Modbus RTU directly in the inverter or optionally via Dfx gateways.



* Observe permitted ambient conditions, condensation not permitted

MOVITRAC® LTP-B in degree of protection IP55 up to 160 kW



Connection voltage V_{AC} : 1x 220 – 240 $\pm$ 10 %

MOVITRAC® LTP-B type	Power range kW	Nominal output current A	Size	Dimensions in mm W x H x D	
				IP20 housing	IP55 housing
0008-2B1-4-xx*	0.75	4.3	2	110 x 221 x 185	188 x 257 x 239
0015-2B1-4-xx*	1.5	7			
0022-2B1-4-xx*	2.2	10.5			

xx* = 00 = IP20 housing xx* = 10 = IP55 / NEMA12k housing

Connection voltage V_{AC} : 3x 220 – 240 $\pm$ 10 %

MOVITRAC® LTP-B type	Power range kW	Nominal output current A	Size	Dimensions in mm W x H x D	
				IP20 housing	IP55 housing
0008-2A3-4-xx*	0.75	4.3	2	110 x 221 x 185	188 x 257 x 239
0015-2A3-4-xx*	1.5	7			
0022-2A3-4-xx*	2.2	10.5			
0030-2A3-4-xx*	3	14	3	131 x 261 x 205	211 x 310 x 251
0040-2A3-4-xx*	4	18			
0055-2A3-4-00	5.5	24			
0055-2A3-4-10	5.5	24	4	–	171 x 450 x 235
0075-2A3-4-10	7.5	39			
0011-2A3-4-10	11	46			
0015-2A3-4-10	15	61	5	–	235 x 540 x 268
0185-2A3-4-10	18.5	72			
0220-2A3-4-10	22	90	6	–	330 x 865 x 335
0300-2A3-4-10	30	110			
0370-2A3-4-10	37	150			
0450-2A3-4-10	45	180			
0550-2A3-4-10	55	202	7	–	330 x 1 280 x 365
0750-2A3-4-10	75	248			

xx* = 00 = IP20 housing xx* = 10 = IP55 / NEMA12k housing

Connection voltage V_{AC} : 3x 380 – 480 $\pm$ 10 %

MOVITRAC® LTP-B type	Power range kW	Nominal output current A	Size	Dimensions in mm W x H x D	
				IP20 housing	IP55 housing
0008-5A3-1-xx*	0.75	2.2	2	110 x 221 x 185	188 x 257 x 239
0015-5A3-4-xx*	1.5	4.1			
0022-5A3-4-xx*	2.2	5.8			
0040-5A3-4-xx*	4	9.5			
0055-5A3-4-xx*	5.5	14	3	131 x 261 x 205	211 x 310 x 251
0075-5A3-4-xx*	7.5	18			
0110-5A3-4-00	11	24			–
0110-5A3-4-10	11	24	4	–	171 x 450 x 235
0150-5A3-4-10	15	30			
0185-5A3-4-10	18.5	39			
0220-5A3-4-10	22	46			
0300-5A3-4-10	30	61	5	–	235 x 540 x 268
0370-5A3-4-10	37	72			
0450-5A3-4-10	45	90	6	–	330 x 865 x 335
0550-5A3-4-10	55	110			
0750-5A3-4-10	75	150			
0900-5A3-4-10	90	180			
1100-5A3-4-10	110	202	7	–	330 x 1280 x 365
1320-5A3-4-10	132	240			
1600-5A3-4-10	160	302			

xx* = 00 = IP20 housing xx* = 10 = IP55 / NEMA12k housing

Connection voltage V_{AC} : 3x 500 – 600 $\pm$ 10 %

MOVITRAC® LTP-B type	Power range kW	Nominal output current A	Size	Dimensions in mm W x H x D	
				IP20 housing	IP55 housing
0008-603-4-xx*	0.75	2.1	2	110 x 221 x 185	188 x 257 x 239
0015-603-4-xx*	1.5	3.1			
0022-603-4-xx*	2.2	4.1			
0040-603-4-xx*	4	6.5			
0055-603-4-xx*	5.5	9	3	131 x 261 x 205	211 x 310 x 251
0075-603-4-xx*	7.5	12			
0110-603-4-xx*	11	17			–
0150-603-4-00	15	22	4	–	171 x 450 x 235
0150-603-4-10	15	22			
0185-603-4-10	18.5	28			
0220-603-4-10	22	34			
0300-603-4-10	30	43	5	–	235 x 540 x 268
0370-603-4-10	37	54			
0450-603-4-10	45	65			
0550-603-4-10	55	78	6	–	330 x 865 x 335
0750-603-4-10	75	105			
0900-603-4-10	90	130			
1100-603-4-10	110	150			

xx* = 00 = IP20 housing xx* = 10 = IP55 / NEMA12k housing

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

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 9585-00
Fax +45 43 9585-09
sew@sew-eurodrive.dk

Finland

Tel. +358 201 589-300
Fax +358 3 7806-211
sew@sew.fi

France

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

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. +7 727 238 1404
Fax +7 727 243 2696
sew@sew-eurodrive.kz

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

Mongolia

Tel. +976 77109997
Fax +976 77109997
sew@sew-eurodrive.mn

Morocco

Tel. +212 523 32 27 80/81
Fax +212 523 32 27 89
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 69 241-020
Fax +47 69 241-040
sew@sew-eurodrive.no

Paraguay

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

Peru

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

Poland

Tel. +48 42 676 53 00
Fax +48 42 676 53 49
sew@sew-eurodrive.pl

Portugal

Tel. +351 231 20 9670
Fax +351 231 20 3685
info@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 3442 00
Fax +46 36 3442 80
info@sew-eurodrive.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
uroos@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

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

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