

REFERENCE

MOVITRAC[®] LT Inverters

Nomenclature and selection guide



LTP-B cabinet IP20

LTP-B enclosed IP55 / -10 & IP66 /-40

**MOVITRAC® LTP-B
230V - 1 ϕ input /
3 ϕ output**

HP	Size	TYPE	P/N
1	2	MCLTPB0008-2B1-4-00	18251382
2	2	MCLTPB0015-2B1-4-00	18251528
3	2	MCLTPB0022-2B1-4-00	18251641

**MOVITRAC® LTP-B
230V - 3 ϕ input /
3 ϕ output**

HP	Size	TYPE	P/N
1	2	MCLTPB0008-2A3-4-00	18251358
2	2	MCLTPB0015-2A3-4-00	18251471
3	2	MCLTPB0022-2A3-4-00	18251617
4	3	MCLTPB0030-2A3-4-00	18251722
5	3	MCLTPB0040-2A3-4-00	18251765
7.5	3	MCLTPB0055-2A3-4-00	18251846

**MOVITRAC® LTP-B
460V - 3 ϕ input /
3 ϕ output**

HP	Size	TYPE	P/N
1	2	MCLTPB0008-5A3-4-00	18251412
2	2	MCLTPB0015-5A3-4-00	18251552
3	2	MCLTPB0022-5A3-4-00	18251684
5	2	MCLTPB0040-5A3-4-00	18251803
7.5	3	MCLTPB0055-5A3-4-00	18251870
10	3	MCLTPB0075-5A3-4-00	18251927
15	3	MCLTPB0110-5A3-4-00	18251986

**MOVITRAC® LTP-B
575V - 3 ϕ input /
3 ϕ output**

HP	Size	TYPE	P/N
1	2	MCLTPB0008-603-4-00	18251447
2	2	MCLTPB0015-603-4-00	18251587
3	2	MCLTPB0022-603-4-00	18251714
5	2	MCLTPB0040-603-4-00	18410812
7.5	2	MCLTPB0055-603-4-00	18410839
10	3	MCLTPB0075-603-4-00	18410855
15	3	MCLTPB0110-603-4-00	18410863
20	3	MCLTPB0150-603-4-00	18410871

	TYPE	P/N	Size	HP
Switch	MCLTPB0008-2B1-4-40	18276741	2	1
	MCLTPB0015-2B1-4-40	18276768	2	2
	MCLTPB0022-2B1-4-40	18276776	2	3

Switched	TYPE	P/N	Size	HP
	MCLTPB0008-2A3-4-40	18276784	2	1
	MCLTPB0015-2A3-4-40	18276792	2	2
	MCLTPB0022-2A3-4-40	18276806	2	3
	MCLTPB0030-2A3-4-40	18276814	3	4
	MCLTPB0040-2A3-4-40	18276822	3	5
	MCLTPB0055-2A3-4-40	18276830	3	7.5
MCLTPB0075-2A3-4-40	18276849	4	10	
MCLTPB0110-2A3-4-40	18276857	4	15	

Unswitched	TYPE	P/N	Size	HP
	MCLTPB0150-2A3-4-10	18252036	5	20
	MCLTPB0185-2A3-4-10	18252060	5	25
	MCLTPB0220-2A3-4-10	18252087	6	30
	MCLTPB0300-2A3-4-10	18252117	6	40
	MCLTPB0370-2A3-4-10	18252141	6	50
	MCLTPB0450-2A3-4-10	18252176	6	60
MCLTPB0550-2A3-4-10	18252206	7	75	
MCLTPB0750-2A3-4-10	18252230	7	100	

Switched	TYPE	P/N	Size	HP
	MCLTPB0008-5A3-4-40	18276865	2	1
	MCLTPB0015-5A3-4-40	18276873	2	2
	MCLTPB0022-5A3-4-40	18276881	2	3
	MCLTPB0040-5A3-4-40	18276903	2	5
	MCLTPB0055-5A3-4-40	18276911	3	7.5
	MCLTPB0075-5A3-4-40	18276938	3	10
	MCLTPB0110-5A3-4-40	18276946	3	15
	MCLTPB0150-5A3-4-40	18276954	4	20
	MCLTPB0185-5A3-4-40	18276962	4	25
MCLTPB0220-5A3-4-40	18276970	4	30	

Unswitched	TYPE	P/N	Size	HP
	MCLTPB0300-5A3-4-10	18252125	5	40
	MCLTPB0370-5A3-4-10	18252168	5	50
	MCLTPB0450-5A3-4-10	18252184	6	60
	MCLTPB0550-5A3-4-10	18252214	6	75
	MCLTPB0750-5A3-4-10	18252249	6	100
	MCLTPB0900-5A3-4-10	18252273	6	150
	MCLTPB1100-5A3-4-10	18252303	7	175
	MCLTPB1320-5A3-4-10	18252311	7	200
	MCLTPB1600-5A3-4-10	18252346	7	250
	MCLTPB2000-5A3-4-10	18290647	8	300
MCLTPB2500-5A3-4-10	18290655	8	400	

**NEW
NEW**

Switched	TYPE	P/N	Size	HP
	MCLTPB0008-603-4-40	18277675	2	1
	MCLTPB0015-603-4-40	18277683	2	2
	MCLTPB0022-603-4-40	18277691	2	3
	MCLTPB0040-603-4-40	18277705	2	5
	MCLTPB0055-603-4-40	18277713	2	7.5
	MCLTPB0075-603-4-40	18277721	3	10
	MCLTPB0110-603-4-40	18277748	3	15
	MCLTPB0150-603-4-40	18277756	3	20
	MCLTPB0185-603-4-40	18277764	4	25
MCLTPB0220-603-4-40	18277772	4	30	

Unswitched	TYPE	P/N	Size	HP
	MCLTPB0300-603-4-10	18252133	4	40
	MCLTPB0370-603-4-10	18410901	5	50
	MCLTPB0450-603-4-10	18252192	5	60
	MCLTPB0550-603-4-10	18252222	6	75
	MCLTPB0750-603-4-10	18252257	6	100
MCLTPB0900-603-4-10	18252281	6	125	
MCLTPB1100-603-4-10	18410928	6	150	

* IP55 units unswitched, IP66 units switched

LTE-B+ cabinet IP20

	HP	Size	TYPE	P/N
MOVITRAC® LTE-B+ 115V - 1 φ input / 3 φ output	0.5	1	MCLTEB0004-101-1-00	18261663
	1	1	MCLTEB0008-101-1-00	18261671
	1.5	2	MCLTEB0011-101-4-00	18261868
MOVITRAC® LTE-B+ 230V - 1 φ input / 3 φ output	0.5	1	MCLTEB0004-2B1-1-00	18261728
	1	1	MCLTEB0008-2B1-1-00	18261752
	2	1	MCLTEB0015-2B1-1-00	18261787
	2	2	MCLTEB0015-2B1-4-00	18261892
	3	2	MCLTEB0022-2B1-4-00	18261930
	5	3	MCLTEB0040-2B1-4-00	18262139
MOVITRAC® LTE-B+ 230V - 3 φ input / 3 φ output	0.5	1	MCLTEB0004-203-1-00	18261701
	1	1	MCLTEB0008-203-1-00	18261744
	2	1	MCLTEB0015-203-1-00	18261779
	2	2	MCLTEB0015-2A3-4-00	18261884
	3	2	MCLTEB0022-2A3-4-00	18261922
	5	3	MCLTEB0040-2A3-4-00	18262058
	7.5	3	MCLTEB0055-2A3-4-00	18267416
	10	4	MCLTEB0075-2A3-4-00	18267424
	15	4	MCLTEB0110-2A3-4-00	18267432
	20	5	MCLTEB0150-2A3-4-00	18267440
25	5	MCLTEB0185-2A3-4-00	18267459	
MOVITRAC® LTE-B+ 460V - 3 φ input / 3 φ output	1	1	MCLTEB0008-5A3-1-00	18261809
	2	1	MCLTEB0015-5A3-1-00	18261825
	2	2	MCLTEB0015-5A3-4-00	18261957
	3	2	MCLTEB0022-5A3-4-00	18261973
	5	2	MCLTEB0040-5A3-4-00	18262007
	7.5	3	MCLTEB0055-5A3-4-00	18262074
	10	3	MCLTEB0075-5A3-4-00	18262090
	15	3	MCLTEB0110-5A3-4-00	18262112
	20	4	MCLTEB0150-5A3-4-00	18262147
	25	4	MCLTEB0185-5A3-4-00	18262155
30	4	MCLTEB0220-5A3-4-00	18262163	
40	5	MCLTEB0300-5A3-4-00	18267394	
50	5	MCLTEB0370-5A3-4-00	18267408	

LTE-B+ enclosed IP66, switched

	TYPE	P/N	Size	HP
	MCLTEB0004-101-1-40	18277527	1	0.5
	MCLTEB0008-101-1-40	18277535	1	1
	MCLTEB0011-101-4-40	18277543	2	1.5
	MCLTEB0004-2B1-1-40	18276253	1	0.5
	MCLTEB0008-2B1-1-40	18276261	1	1
	MCLTEB0015-2B1-1-40	18276288	1	2
	MCLTEB0015-2B1-4-40	18276296	2	2
	MCLTEB0022-2B1-4-40	18276318	2	3
	MCLTEB0040-2B1-4-40	18276326	3	5
	MCLTEB0015-2A3-4-40	18276334	2	2
	MCLTEB0022-2A3-4-40	18276342	2	3
	MCLTEB0040-2A3-4-40	18276350	3	5
	MCLTEB0055-2A3-4-40	18276369	3	7.5
	MCLTEB0075-2A3-4-40	18276377	4	10
	MCLTEB0110-2A3-4-40	18276385	4	15
	MCLTEB0008-5A3-1-40	18276393	1	1
	MCLTEB0015-5A3-1-40	18276407	1	2
	MCLTEB0015-5A3-4-40	18276415	2	2
	MCLTEB0022-5A3-4-40	18276423	2	3
	MCLTEB0040-5A3-4-40	18276431	2	5
	MCLTEB0055-5A3-4-40	18276458	3	7.5
	MCLTEB0075-5A3-4-40	18276466	3	10
	MCLTEB0110-5A3-4-40	18276474	3	15
	MCLTEB0150-5A3-4-40	18276482	4	20
	MCLTEB0185-5A3-4-40	18276490	4	25
	MCLTEB0220-5A3-4-40	18276504	4	30

LT Accessories

LT OP 003 A2 kit - RJ45 splitter, .5m cable, RJ45 - Sbus, term.	28202554
LT OP 005 B2 kit - RJ45 splitter, RJ45 cable .5m x 2	28202546
LT OP 010 B2 kit - RJ45 splitter, RJ45 cable 1.0m x 2	28202562
LT OP 003 C SEW-USB adapter, RJ45 .5m, RJ45-RJ11 .5m	18243681
LT K RJ0E 005 B RJ45 cable to wire (Sbus Ufx)	18218245
LT RJ CS TR C - RJ45 term. resistor, 120Ω	28230299
LT USB45 A - USB-PC converter	28251776
LT K RJ 005 B RJ45, 0.5m	18218210
LT K RJ 010 B RJ45, 1.0m	18218229
LT K RJ 030 B RJ45, 3.0m	18218237
LT BG C keypad 7-segment	18241522
LT BG OLED A keypad OLED	28205731
LT BP D parameter copy stick	28251768
BW LT 100-002	18208770
BW LT 050-002-55	18218342
BW LT 033 005	18201938

LT modules, MCLTP-B only

LT OB 3ROUT A ext relay	28201159
LT OB IO A ext I/O exp	28201167
LT OB ENC A TTL encoder	28201175
LT OB ENH A HTL encoder	28226437
LT FE 33A ETHERNET	28203917
LT FB 11A BACnet	28203933
LT FE 32A PROFINET	28226402
LT FE 24A* ETHERCAT	28226410
LT FE 31A* MODBUS TCP	28228154

LT modules, MCLTE-B only

OB LT HVAC-B HVAC relay out	18218180
OB LT 2ROUT B dual relay out	18223168
OB LT VCON A 110V input card	18217672
OB LT VCON A 230V input card	18221947

LT IP66 unit outdoor hood cover

Outdoor hood cover size 1	90910524
Outdoor hood cover size 2	90910532
Outdoor hood cover size 3/4	90910540



MOVITRAC® LT INVERTER

Nomenclature

Example: **MCLTPB0015-503-1-00**

MCLTP-B

- Preset motor data/simple start-up
- 1 – 400 HP
- Single-phase - 230V
- Three-phase - 230V, 460V, 575V
- IP20 ambient 50° C
- IP55/IP66 ambient 40° C
- IP66 with direction & disconnect switches
- 150% overload for 60s
- 175% overload for 2s
- Operates ASY, PM, BLDC, reluctance motors
- Remote keypad optional
- SBus®/CanOpen®/Modbus RTU integrated
- 5 digital inputs/2 digital outputs
- 2 analog inputs/2 analog outputs
- 2 relay contacts
- Integrated RFI filter 230V & 460V
- Brake chopper integrated
- Motor thermal protection TF/TH/KTY/PT1000
- PID control
- Fire/Emergency mode
- Output stage with short circuit protection
- Parameter copy module
- Speed synch & load distribution function
- Energy saving & flying start functions
- Torque control (open and closed loop)
- Digital Potentiometer
- Motor brake management parameters
- Safe Torque Off (STO)
- Encoder and fieldbus card options

Type	Option	Description
MCLTP/E	Model	“E” - Essential “P” - Plus
B	Series	“B”
0015	Motor Power	e.g., “0015” = 1.5 kW
5	Input Voltage	“1” = 115 V “2” = 230 V “5” = 460 V “6” = 575 V
0	RFI Suppression	O - none A, B - with RFI suppression
3	Input Phase	“1” = single-phase input “3” = three-phase input
1	Brake Chopper	“1” = no brake chopper “4” = with brake chopper
00	Enclosure	“00” = Cabinet / IP20 “10” = LTP enclosed IP55 “40” = Enclosed / IP66

MCLTE-B+

- Simple setup
- 0.5 – 50 HP
- Single-phase - 115V & 230V
- Three-phase - 230V & 460V
- IP20 ambient 50° C
- IP66 ambient 40° C
- IP66 with direction & disconnect switches
- 150% overload for 60s
- 175% overload for 2s
- Operates ASY, PM, BLDC, reluctance motors
- Remote keypad optional
- SBus®/CanOpen®/Modbus RTU integrated
- 3 digital inputs/1 digital output
- Analog input/output
- Relay contact
- Integrated RFI filter 230V & 460V
- Brake chopper (size 2 and up)
- Motor protection evaluation TF/TH
- PI control
- Fire/Emergency mode
- Output short circuit protection
- Parameter copy module
- Speed synch function
- Smart vector control