MCLTPB0022-2B1-4-00

SEW-EURODRIVE GmbH & Co KG · MOVITRAC® B Standard Inverter (MCLTPB)

FEATURES

MOVITRAC LTP-B standard inverter, 2.2 kW, single-phase 200-240 V input, size 2, IP20/NEMA 1 control cabinet housing.

Hardware

Communication

Built-in ports:
RJ45 engineering socket (MOVITOOLS MotionStudio); SBus/MOVILINK system bus

Protocols:
SBus, CANopen, Modbus RTU (direct); fieldbus options via plug-in gateway (DFP../DHP..)

Communication expansion:
Fieldbus gateway options via accessory; no integrated PROFINET/EtherCAT on base unit

Electrical

Supply voltage:
1 x AC 200-240 V +/-10%

Line frequency:
50/60 Hz +/-5%

Nominal input current:
6.0 A

Recommended motor power:
2.2 kW (3.0 HP)

Output voltage:
3 x 20 - U_line V

Rated output current:
10.5 A

PWM frequency:
2/4/6/8/12 kHz selectable

Maximum output frequency:
500 Hz

Maximum motor cable length:
100 m shielded / 150 m unshielded

Minimum braking resistance:
27 Ω

Nominal power loss:
Not published by manufacturer per size for 2B1 series (size 2 heat loss ~45 W at 0.75 kW per manual)

Environmental

Operating temperature:
0 to +50 °C (up to +60 °C with derating per UL)

Storage temperature:
-40 to +60 °C (per manual installation notes)

Relative humidity:
Non-condensing (no specific RH percentage published)

Protection rating:
IP20/NEMA 1 (EN 60529 / NEMA)

Physical

Dimensions (H×W×D):
221 × 110 × 185 mm (H×W×D, size 2 IP20, per SEW catalog)

Weight:
Not published as numerical table (not published as numerical value in official source)

Lifecycle

Current SEW-EURODRIVE product line; MOVITRAC LTP-B series, edition 10/2023 operating instructions active; official product page active (Last verified:
2026-09)