

TBS1 Servo drive

Overview

NiLAB's low-voltage servo drives TBS1 (24VDC) have a perfect quality-price-performance ratio. They are optimized to be used with the miniature tubular linear motors of the NL and NLH series.

Key facts TBS1:

- CANopen slave (DS402 profile)
- Modbus RTU
- Integrated braking resistor
- RS232 for commissioning
- Nominal current 15Arms
- Feedback SIN/COS 1Vpp
- Integrated positioner



Motion manager

Motion manager document: [:miniature_motors:motion_manager_tbs1.pdf](#)

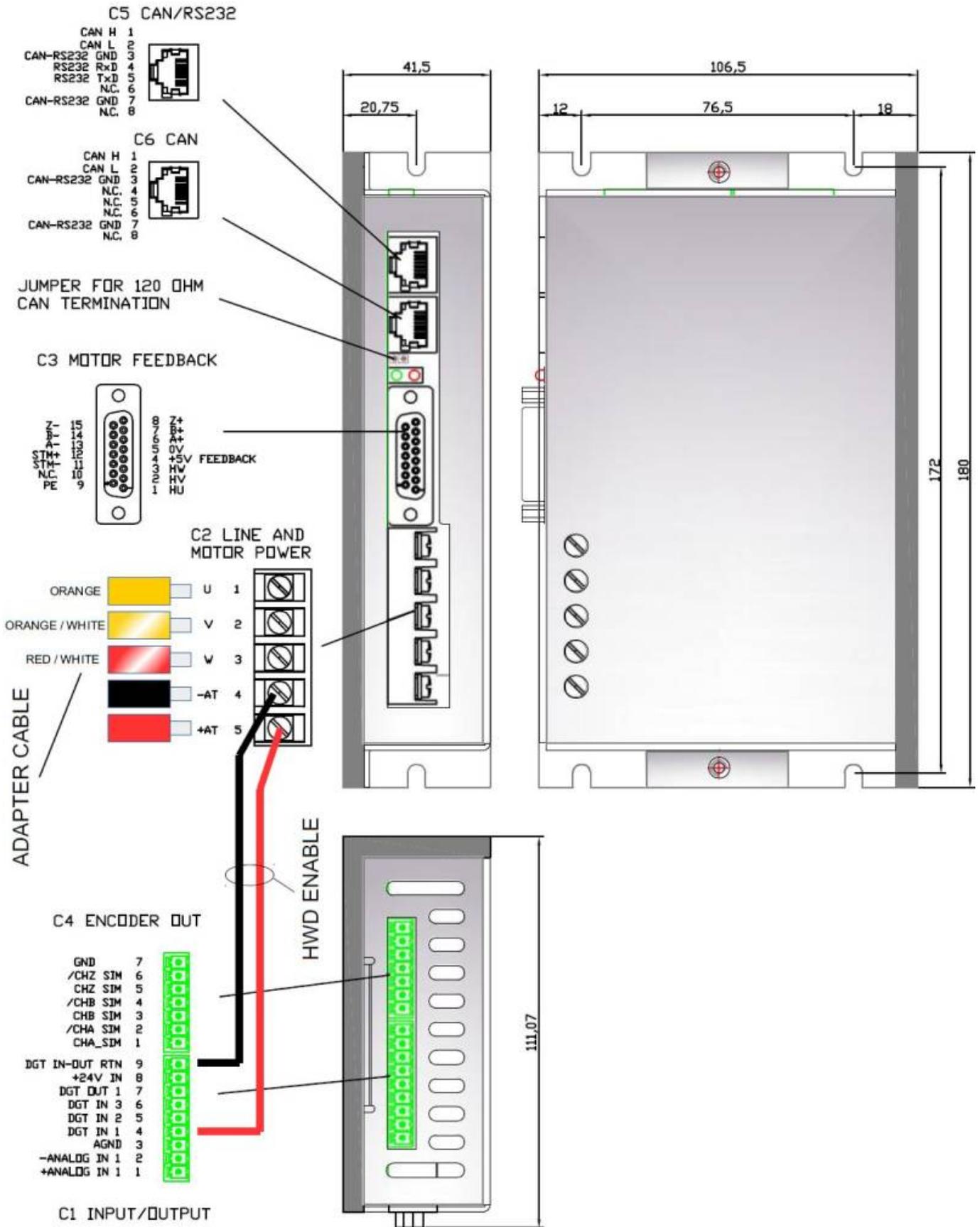
How to use Motion manager:

[:miniature_motors:nilab_servo_drive_motion_manager_step_by_step_guide.pdf](#)

Motion manager Firmware for TBS1: [:miniature_motors:tbs1_firmware_mm.zip](#)

Connection schema

3D Model of TBS1: [:miniature_motors:tbs1_3d_model.zip](https://www.nilab.at/dokuwiki/doku.php?id=miniature_motors:tbs1_3d_model.zip)



Alternative color for the phases are: U→ **Blue** , V → **Red** , W→ **Violet**

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