

# TB1600 User's Manual

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[www.moxa.com/product](http://www.moxa.com/product)



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# TB1600 User's Manual

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The TB1600 wiring terminal board is designed for use with the following ioLogik 4000 modules: M-1600, M-1601, M-2600, and M-2601. The TB1600 allows I/O devices to be attached through a 20-pin screw terminal instead of directly to the module. The TB1600 mounts on a DIN-rail and connects to modules using a 20-pin flat cable.

The following topics are covered in this chapter:

- Overview**
- Package Checklist**
- Product Specifications**
- Pin Assignment**

## Overview

The TB1600 wiring terminal board is designed for use with the following ioLogik 4000 modules: M-1600, M-1601, M-2600, and M-2601. The TB1600 allows I/O devices to be attached through a 20-pin screw terminal instead of directly to the module. The TB1600 mounts on a DIN-rail and connects to modules using a 20-pin flat cable.



## Package Checklist

The TB1600 package is shipped with the following *Standard Items*. The *Optional Accessories* can be ordered separately:

### Standard Items

- TB1600 wiring terminal board

### Optional Accessories

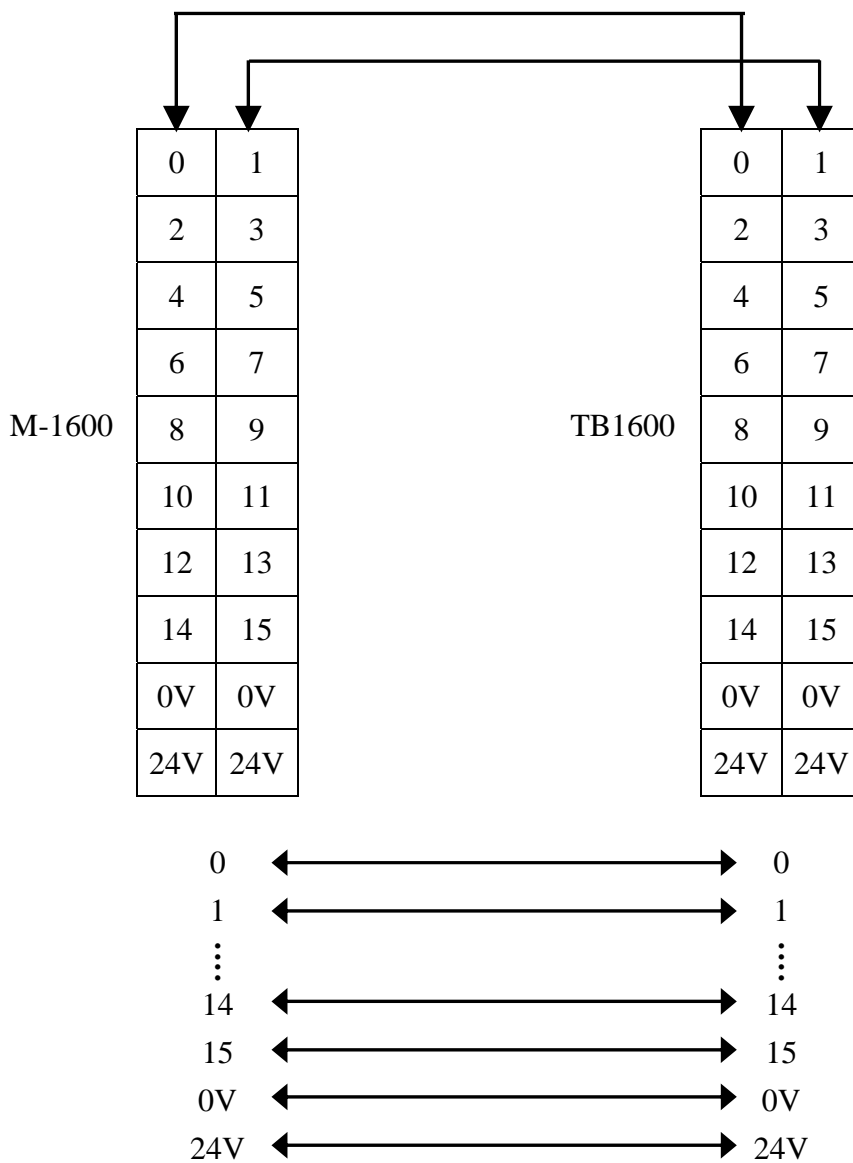
- Flat cable: 20-to-20 pin flat cable, 50 cm in length

NOTE: Please notify your sales representative if any of the above items are missing or damaged.

## Product Specifications

- DIN-rail mounting screw terminal module with 20-pin connector
- Case dimensions (W x L x H): 77.5 x 67.5 x 51 mm (3.1 x 2.7 x 2.0 in)
- Power voltage.:12 to 48 VDC
- Operating temperature: -20 to 60°C
- Storage temperature: -40 to 85°C
- Connector pitch: 3.81 mm
- DIN-Rail mountable design
- RoHs compliant

## Pin Assignment



# 2

## Hardware Installation

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In this chapter, we explain how to install the TB1600.

The following topics are covered in this chapter:

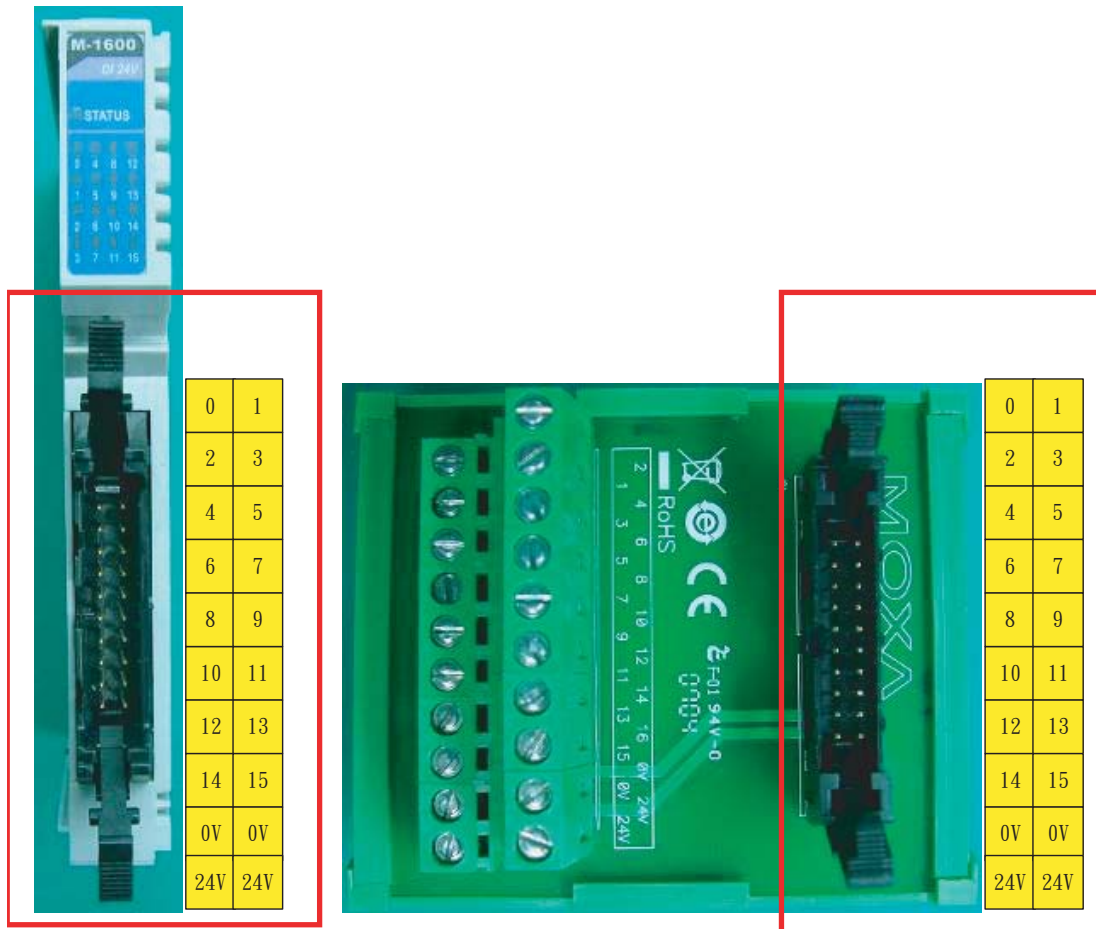
- ❑ **Connecting the ioLogik 4000 Module**
- ❑ **Connecting to the TB1600**

## Connecting the ioLogik 4000 Module

Connect the ioLogik 4000 module (M-1600, M1602, M-2600, or M-2601) to the 20-pin flat cable. The cable connector and the terminal block are designed to be attached the same way every time to avoid reversing the pin direction.

## Connecting to the TB1600

Connect the other end of the 20-pin flat cable to the TB1600 module. The cable connector and the terminal block are designed to be attached the same way every time to avoid reversing the pin direction.





# A

## Service Information

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This appendix shows you how to contact MOXA for information about this, and other products, and how to report problems.

In this appendix, we cover the following topics.

- MOXA Internet Services**
- Problem Report Form**
- Product Return Procedure**

## MOXA Internet Services

Customer satisfaction is our primary concern. To ensure that customers receive the full benefit of our products, MOXA Internet Services has been set up to provide technical support, driver updates, product information, and user's manual updates.

The following services are provided

E-mail for technical support..... [support@moxa.com](mailto:support@moxa.com)

Website for product information ..... <http://www.moxa.com>

# Problem Report Form

## MOXA TB1600

<b>Customer name:</b>	
<b>Company:</b>	
<b>Tel:</b>	<b>Fax:</b>
<b>Email:</b>	<b>Date:</b>

**MOXA Product:**    **TB1600**

**Serial Number:** \_\_\_\_\_

**Problem Description:** Please describe the symptoms of the problem as clearly as possible, including any error messages you see. A clearly written description of the problem will allow us to reproduce the symptoms, and expedite the repair of your product.

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## Product Return Procedure

For product repair, exchange, or refund, the customer must:

- ◆ Provide evidence of original purchase.
- ◆ Obtain a Product Return Agreement (PRA) from the sales representative, or dealer.
- ◆ Fill out the Problem Report Form (PRF). Include as much detail as possible for a shorter product repair time.
- ◆ Carefully pack the product in an anti-static package, and send it, pre-paid, to the dealer. The PRA should be visible on the outside of the package, and include a description of the problem, along with the return address, and telephone number of a technical contact.