

TRU COMPONENTS TC-12835336

TRU COMPONENTS Signal Pillar TC-12835336 User Manual

Model: TC-12835336

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of the TRU COMPONENTS Signal Pillar, model TC-12835336. This device is designed for industrial signaling applications, featuring red and green LED indicators with continuous or flashing light modes and an IP65 protection rating.

2. SAFETY INFORMATION

- Read all instructions carefully before installation and operation.
- Installation should only be performed by qualified personnel.
- Ensure the power supply is disconnected before performing any installation, maintenance, or troubleshooting.
- Verify the correct voltage (24V) is supplied to prevent damage to the unit.
- Do not expose the device to conditions beyond its specified IP65 rating.
- Avoid direct eye exposure to the LED light for prolonged periods.

3. PRODUCT OVERVIEW

The TRU COMPONENTS Signal Pillar TC-12835336 is a robust signaling device with two LED segments (red and green) for clear visual indication in various industrial environments.



Figure 1: TRU COMPONENTS Signal Pillar TC-12835336. This image displays the signal pillar with its black base, threaded mounting shaft, and two translucent LED segments: red on top and green below. A bundle of multi-colored wires extends from the base for electrical connection.

Components:

- **LED Segments:** Red and Green, providing visual status.
- **Housing:** Durable black housing with a diameter of 55 mm.
- **Mounting Thread:** For secure installation.
- **Wiring Harness:** Multi-colored wires for power and control connections.

4. SPECIFICATIONS

Feature	Detail
Model Number	TC-12835336
Light Colors	Red, Green
Lighting Modes	Continuous or Flashing

Diameter	Ø 55 mm
Protection Rating	IP65
Voltage	24V
Manufacturer	TRU COMPONENTS
Country of Origin	China

5. SETUP AND INSTALLATION

- Power Disconnection:** Ensure all power to the installation area is disconnected before beginning.
- Mounting:** Securely mount the signal pillar using its threaded base. Ensure the mounting surface is stable and capable of supporting the device.
- Wiring:** Connect the signal pillar's wires to the appropriate 24V power supply and control system. Refer to the wiring diagram (if provided separately with the product) for specific connections for continuous or flashing modes. Typically, different wires control each LED segment and the flashing function.
- Environmental Seal:** Ensure the IP65 rating is maintained after installation by properly sealing all connections and mounting points, especially in environments where dust or water ingress is a concern.
- Power Connection:** Once all connections are secure and verified, restore power to the system.

6. OPERATING INSTRUCTIONS

The TRU COMPONENTS Signal Pillar operates by receiving a 24V signal to illuminate its LED segments. The specific wiring configuration determines whether a segment illuminates continuously or flashes.

- Continuous Lighting:** Apply 24V to the designated wire for the desired LED segment (e.g., red or green) to achieve continuous illumination.
- Flashing Lighting:** If wired for flashing operation, applying 24V to the corresponding wire will activate the flashing mode for that LED segment. Consult your system's wiring diagram for specific control signals.
- Multiple Segments:** Both red and green segments can be activated independently or simultaneously, depending on the control system's design.

7. MAINTENANCE

The TRU COMPONENTS Signal Pillar is designed for low maintenance. Regular checks can ensure optimal performance.

- Cleaning:** Periodically clean the exterior of the signal pillar with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Inspection:** Regularly inspect the housing and wiring for any signs of damage, wear, or loose connections.
- Seal Integrity:** For IP65 rated protection, ensure all seals and cable glands remain intact and properly tightened.

- **Power Disconnection:** Always disconnect power before performing any maintenance.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Signal pillar does not illuminate.	No power supply; incorrect wiring; faulty LED segment.	Check 24V power supply; verify wiring connections against diagram; if power and wiring are correct, the LED segment may require replacement.
LED segment illuminates continuously instead of flashing (or vice-versa).	Incorrect wiring for flashing/continuous mode.	Review wiring diagram and ensure correct connections for the desired operating mode.
Intermittent operation.	Loose wiring connection; unstable power supply.	Inspect all wiring connections for tightness; check power supply stability.

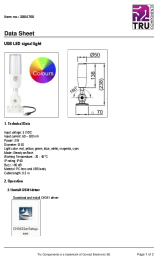
If troubleshooting steps do not resolve the issue, contact customer support or a qualified technician.





9. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts, please refer to the documentation provided with your purchase or contact TRU COMPONENTS customer service. Keep your purchase receipt as proof of purchase.
Manufacturer: TRU COMPONENTS

© 2025 TRU COMPONENTS. All rights reserved.

Related Documents - TC-12835336

	<p>TRU COMPONENTS USB LED Signal Light Data Sheet</p> <p>Technical data and operation instructions for the TRU COMPONENTS USB LED Signal Light (Item no. 2804760), featuring 7 colors and buzzer functionality.</p>
---	---

	<p>TRU Components LED Transformer User Manual and Technical Specifications</p> <p>Comprehensive user manual and technical specifications for TRU Components LED transformers, including model numbers, electrical data, operating conditions, and safety guidelines for indoor LED lighting applications.</p>
	<p>TRU Components DIN Rail Power Supply Safety and Technical Data</p> <p>Comprehensive safety instructions, intended use, symbol explanations, and technical specifications for TRU Components DIN Rail Power Supplies, including model numbers and operating parameters.</p>
	<p>TRU COMPONENTS DIN-rail Voedingen Gebruiksaanwijzing en Specificaties</p> <p>Gedetailleerde gebruiksaanwijzing en technische specificaties voor TRU COMPONENTS DIN-rail voedingen. Bevat installatie-instructies, veiligheidsinformatie en modelgegevens voor diverse uitvoeringen.</p>
	<p>TRU COMPONENTS DIN Rail Power Supply - User Manual and Specifications</p> <p>Comprehensive operating instructions and technical specifications for TRU COMPONENTS DIN Rail Power Supplies, covering safety, installation, and detailed product data. Includes model numbers, electrical characteristics, dimensions, and safety guidelines.</p>
	<p>TRU COMPONENTS DIN Rail Power Supply User Manual and Specifications</p> <p>Comprehensive user manual and technical specifications for TRU COMPONENTS DIN rail power supplies, including models DPN, DPS, and DPH series. Covers intended use, safety instructions, installation, cleaning, and detailed electrical and physical specifications.</p>

Documents - TRU COMPONENTS – TC-12835336

no relevant documents