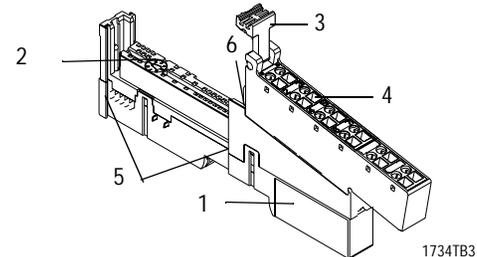




Installation Instructions

POINT I/O Wiring Base Assembly

(Cat. No. 1734-TB3 and -TB3S)



Description	Description
1 Wiring Base	4 Removable Wiring Block (RTB)
2 Mechanical Keying (orange)	5 Interlocking Side Pieces
3 RTB Removal Handle	6 DIN Rail Locking Screw (orange)

The wiring base consists of a base (1) and a removable terminal block (RTB)(4). The 1734-TB3 uses screw-clamp termination; 1734-TB3S uses spring-clamp terminations.

Installing the Wiring Base

To install the wiring base on the DIN rail, proceed as follows.

1. Position the wiring base vertically above the installed units (adapter, power supply or existing module).
2. Slide the wiring base down allowing the interlocking side pieces to engage the adjacent module or adapter.
3. Press firmly to seat the wiring base on the DIN rail. The wiring base will snap into place.
4. To remove the wiring base from the DIN rail, remove the module, and use a small bladed screwdriver to rotate the base locking screw to a vertical position. This releases the locking mechanism. Then lift straight up to remove.

Installing the Removable Terminal Block

A removable terminal block is supplied with your terminal base. To remove, pull up on the RTB removal handle.



WARNING: Explosion Hazard - Do not disconnect or replace component unless power is switched off or area is known to be nonhazardous. Do not pull on the installed wiring to remove a terminal block. A shock hazard exists if power is applied to the terminal block.

This allows the base to be removed and replaced as necessary without removing any of the wiring. To reinsert the removable terminal block, proceed as follows..

1. Insert the end opposite the handle into the base unit. This end has a curved section that engages the wiring base.
2. Rotate the terminal block into the wiring base until it locks itself in place.
3. If an I/O module is installed, snap the RTB handle into place on the module.

Removing a Wiring Base

In order to remove a wiring base, you must remove any module installed in the base, and any installed module to the right of the base, and remove the removable terminal block (if wired).

1. Squeeze the module locking mechanism and pull up to remove the module(s).
2. Remove the removable terminal block (if wired).
3. Turn the wiring base locking screw to a vertical position to unlock the base from the DIN rail.
4. Slide the wiring base up to release it from its mating units.

Refer to the user manual for keying information, specifications and how to configure your module.

Specifications - 1734-TB3 (screw-clamp) and -TB3S (spring-clamp)

General Specifications

Field Power Bus Supply Voltage Supply Current		28.8V dc, 120/240V ac 10A maximum
Dimensions	Inches (Millimeters)	2.56H x 0.472W x 6.25L (65H x 12W x 160L)
Environmental Conditions		
Operational Temperature		-20 to 55°C (-4 to 131°F)
Storage Temperature		-40 to 85°C (-40 to 185°F)
Relative Humidity		5 to 95% noncondensing
Shock	Operating	30g peak acceleration, 11[±1]ms pulse width
	Non-operating	50g peak acceleration, 11[±1]ms pulse width
Vibration		Tested 5g @ 10-500Hz per IEC 68-2-6
Conductors	Wire Size Category	14 AWG (2.5mm ²) - 22 AWG (0.25mm ²) solid or stranded maximum 3/64 inch (1.2mm) insulation maximum 2 ¹
Terminal Base Screw Torque		5-7 pound-inches (0.5-0.6Nm)
Mass		1734-TB3 - 3.44 oz/97.5 grams 1734-TB3S - 3.07 oz/87.0 grams
Agency Certification (when product is marked)		cUR ₁₅ marked by Underwriters Laboratories CE marked for all applicable directives C-Tick marked for all applicable acts.

¹ Use this conductor category information for planning conductor routing as described in publication 1770-4.1, "Industrial Automation Wiring and Grounding Guidelines."

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