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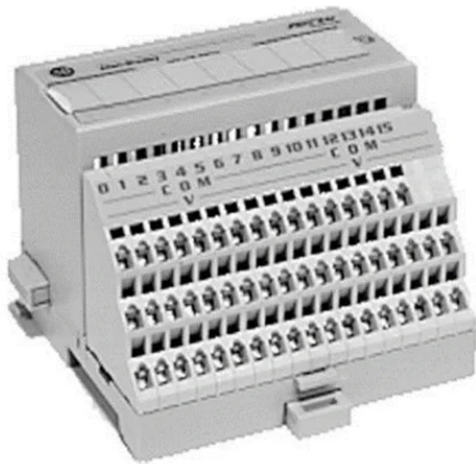
Data Sheet

August 13, 2026

ROCKWELL / ALLEN-BRADLEY

Rockwell / Allen-Bradley 1794-TB3 FLEX I/O Terminal Base Unit

Rockwell / Allen-Bradley Industrial Controllers & PLCs. Current: 10 A per terminal, Voltage: 125V AC/DC, Voltage: 125V continuous.



MODEL

Rockwell / Allen-Bradley 1794-TB3

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

1794-TB3

LISTING

<https://aumictechlabs.com/products/1794-tb3-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Rockwell/Allen-Bradley 1794-TB3 is a FLEX I/O Terminal Base Unit that is a wiring termination point for distributed I/O installations within Allen-Bradley FLEX I/O systems. The unit features 16 I/O terminals with 3-wire cage clamp connections and accommodates a total of 52 terminals - 18 common terminals and 18 supply terminals (+V). Operating at 24V DC/AC or 120V DC/AC with maximum supply voltage of 125V AC/DC, the TB3 supports current capacity up to 10 A per terminal. DIN rail mounted in a compact 94 mm × 94 mm × 69 mm form factor, it accepts solid or stranded copper wire from 0.34 mm² to 4 mm² (22 AWG to 12 AWG) with terminal screw torque of 0.56–0.79 Nm. Technical Specifications Model: 1794-TB3 Termination Type: 3-wire cage clamp I/O Terminals: 16 Total Terminals: 52 (18 common, 18 supply) Maximum Current: 10 A per terminal Supply Voltage: 125V AC/DC, 50/60 Hz maximum; 24V DC/AC or 120V DC/AC operational Isolation Voltage: 125V continuous; module-dependent ratings up to 60V AC or 75V DC Backplane &

FlexBus Current: 640 mA @ 5V DC each Wire Size: 0.34–4 mm² (22–12 AWG); solid or stranded copper, 75°C rated Terminal Torque: 0.56–0.79 Nm (5–7 lb-in) Dimensions: 94 × 94 × 69 mm (3.7 × 3.7 × 2.7 in) Weight: ~0.249 kg (0.5 lbs) Mount: DIN rail Enclosure: IP20 open-style Key Features Cage clamp termination simplifies wiring and maintenance Supports multiple FLEX I/O module types: digital, analog, temperature, and specialty I/O Operating temperature range: –20°C to 70°C (–4°F to 158°F) Storage temperature: –40°C to 85°C Rated for 30G shock and 5G vibration (10–500 Hz) UL, cULus, CE, and RoHS certified Compatibility & Integration The TB3 integrates with FLEX I/O modules including 1794-IA8, 1794-OA8, 1794-IB8, 1794-OB8, 1794-IB16D, 1794-IT8, 1794-IRT8, 1794-IR8, 1794-IF4I, and 1794-OF4I. Network communication supported through Remote I/O, DeviceNet, ControlNet, and EtherNet/IP via appropriate adapter modules.

Features & description

From manufacturer datasheet

Features

- Cage clamp; 16 I/O + 18 common + 18 +V

1794TB3 Characteristics / Specifications

PARAMETER	VALUE
Model	1794-TB3
Manufacturer	Allen-Bradley / Rockwell Automation
Instrument Type	FLEX I/O Terminal Base
Series	1794 FLEX I/O
Alias	1794-TB3; 1794TB3
Document	1794-TD019 FLEX I/O Terminal Base Units
Clamp Type	cage clamp
I/O Terminals	16
Common Terminals	18
PlusVTerminals	18
Voltage Rating	up to 125 V AC/DC
Current Rating	10 A
Mounting	DIN rail FLEX terminal base
Function	field wiring landing only; no analog conversion
Compatible Example Outputs	1794-OB16P (TB3, TB3S, TB3K, TB3SK)
Sibling TB3S	spring clamp version of TB3
Sibling TB3K	conformal coated cage clamp
Sibling TB	32 I/O, 8 common, 8 +V for 32-point digital and 1794-IB16D
Sibling TBN	NEMA-style screw clamp
Sibling TB3T	temperature/CJC cage clamp
Not An I/O Module	contains no 24 V inputs or outputs of its own
Installation	module keys to the base; replace base without rewiring when using the FLEX two-piece design
Agency	FLEX terminal base ratings per 1794-TD019
Wire	cage-clamp capacity per 1794-TD019 (confirm AWG on the sheet)
Status	current FLEX accessory

PARAMETER

VALUE

Related IB16 Note

some 1794-IB16 digital DC sheets specify TB32/TB32S; match the module publication Notes True accessory. Specs from Rockwell 1794-TD019 terminal base table. Confirm the I/O module publication lists TB3 vs TB32. Do not invent AWG or torque if not taken from 1794-TD019.

1794TB3 Specifications

PARAMETER	VALUE
Applications	FLEX I/O field landing; replacement terminal bases; 16-point digital/analog FLEX modules needing 18 commons and 18 +V.
Key Features	- Cage clamp; 16 I/O + 18 common + 18 +V
Technical Specifications	Model: 1794-TB3

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	1794-TB3
Manufacturer	Allen-Bradley / Rockwell Automation
Instrument Type	FLEX I/O Terminal Base
Specifications	
PARAMETER	VALUE
Series	1794 FLEX I/O
Alias	1794-TB3; 1794TB3
Document	1794-TD019 FLEX I/O Terminal Base Units
Specifications	
PARAMETER	VALUE
Clamp Type	cage clamp
I/O Terminals	16
Common Terminals	18
Specifications	
PARAMETER	VALUE
PlusVTerminals	18
Voltage Rating	up to 125 V AC/DC
Current Rating	10 A
Specifications	
PARAMETER	VALUE
Mounting	DIN rail FLEX terminal base
Function	field wiring landing only; no analog conversion
Compatible Example Outputs	1794-0B16P (TB3, TB3S, TB3K, TB3SK)

Specifications

PARAMETER	VALUE
Sibling TB3S	spring clamp version of TB3
Sibling TB3K	conformal coated cage clamp
Sibling TB2	16 I/O, 18 common, 2 +V (2-wire generic)

Specifications

PARAMETER	VALUE
Sibling TB32	32 I/O, 8 common, 8 +V for 32-point digital and 1794-IB16D
Sibling TBN	NEMA-style screw clamp
Sibling TB3T	temperature/CJC cage clamp

Specifications

PARAMETER	VALUE
Not An I/O Module	contains no 24 V inputs or outputs of its own
Installation	module keys to the base; replace base without rewiring when using the FLEX two-piece design
Agency	FLEX terminal base ratings per 1794-TD019

Specifications

PARAMETER	VALUE
Wire	cage-clamp capacity per 1794-TD019 (confirm AWG on the sheet)
Status	current FLEX accessory
Related IB16 Note	some 1794-IB16 digital DC sheets specify TB32/TB32S; match the module publication

Notes

True accessory. Specs from Rockwell 1794-TD019 terminal base table. Confirm the I/O module publication lists TB3 vs TB32. Do not invent AWG or torque if not taken from 1794-TD019.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.