

# 1794 FLEX I/O

Introduction   Product Design   Typical Configurations   Specifications   I/O Communication Adapters   Digital I/O Modules  
 Analog, Thermocouple, and   Specialty I/O   HART Smart   Terminal Bases and   Power   Encompass  
 RTD I/O Modules   Modules   Instrumentation   Accessories   Supplies   Partner Products  
 Terminal Bases and Accessories

Conformal coated versions of standard modules have the letter K in the last position of the catalog number, before the series designation.

## Terminal Bases

Each FLEX I/O module requires a terminal base unit that snaps onto the DIN rail to the right of the I/O adapter. The terminal bases provide terminal connection points for I/O wiring and plug together to form the backplane. They are available with screw or spring terminations.

Cat. No.♣	Termination Type	Connections	Used in Applications
1794-TB2	Cage-clamp	16 I/O; 18 common; 2 +V	Up to 132V AC/156V DC
1794-TB3	Cage-clamp	16 I/O; 18 common; 18 +V	Up to 132V AC/156V DC
1794-TB3K			
1794-TB3S	Spring-clamp		
1794-TB3SK			
1794-TB32	Cage-clamp	32 I/O; 8 common; 8 +V	Up to 31.2V DC
1794-TB32S	Spring-clamp		
1794-TB3G	Cage-clamp	36 I/O; 2 common; 2 +V; 10 chassis ground	Up to 31.2V DC
1794-TB3GK			
1794-TB3GS	Spring-clamp		
1794-TB3GSK			
1794-TB3T	Cage-clamp	16 I/O; 10 common; 4 +V; 8 chassis ground; 2 sets of CJC to be used with temperature modules	Up to 132V AC/156V DC
1794-TB3GK			
1794-TB3TS	Spring-clamp		
1794-TB3TSK			
1794-TBN	Screw-clamp	16 I/O; 2 common; 2 +V	264V AC/DC
1794-TBNK			
1794-TBNF			

♣ Catalog numbers ending with (K) = Conformal Coated.

## D-shell Terminal Bases

Cat. No.	Termination Type	Description	Current Capacity, Max.
1794-TB37DSD-shell		37 Pin D-Shell Termination (digital and analog modules)	5 A per pin 10 A per module
1794-TB62DSD-shell		62-pin D-Shell Termination (32-point I/O modules)	V2 - 8 A V1 - 8 A

5 A per pin  
10 A per module

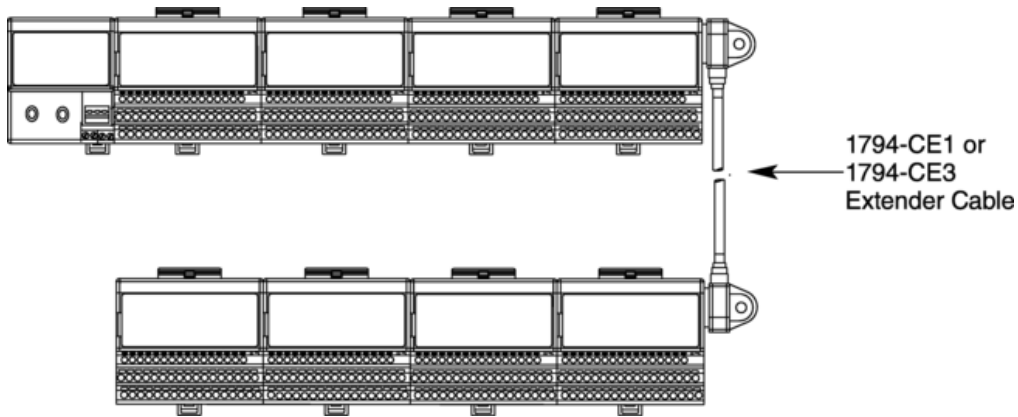
## 1794 FLEX Extender Cables

Use the optional 1794-CE1 (0.3 m, 1ft) or 1794-CE3 (0.9 m, 3ft) extender cable to arrange your system in two rows or split your system into horizontal and vertical orientation. The cable can be used between any module or adapter.

### Cat. No. Description

1794-CE1 FLEX I/O 1 ft Extender Cable (0.3 m)

1794-CE3 FLEX I/O 3 ft Extender Cable (0.9 m)



## Accessory Products

### Cat. No. Description

1794-NM1 FLEX I/O Panel Mounting Kit Use this kit to mount your FLEX I/O system on a panel without a DIN rail.

1794-LBL FLEX I/O Label Kit Use this kit to tailor the label on you FLEX I/O terminal base unit. Kit includes a diecut drawing and label sheet with five labels.

1492-EA5 DIN rail locks Use DIN rail locks for FLEX I/O modules in a high-vibration installation, particularly when mounting the modules vertically.

1794-N2 FLEX Dummy Filler Module Use this module to fill a vacant slot, if desired.  
- Slot Cover

1794-CJC2 Cold Junction Compensation Use these as replacements for CJC's supplied with 1794-IT8 and 1794-IRT8.  
Kit (2 Pieces)