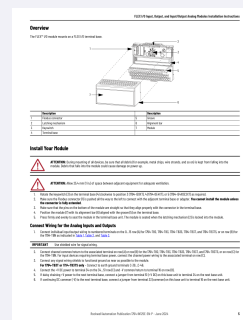


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

1794-OE4XT

Analog output module



PRODUCT	1794-OE4XT
FAMILY	FLEX I/O-XT distributed I/O
FUNCTION	Analog output module
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Allen-Bradley FLEX I/O documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Output Channels	4 non-isolated channels
Output Configuration	Individually selectable
Voltage Output Range	±10 V
Current Output Range	0–20 mA
Digital Resolution	12 bit plus sign
Data Format	16-bit two's complement

02 PREPARATION AND CONNECTION

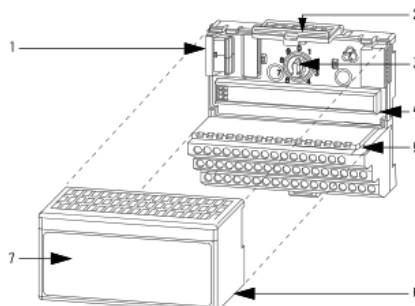
- Confirm the complete 1794-OE4XT article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

OFFICIAL INSTALLATION REFERENCE

FLEX I/O Input, Output, and Input/Output Analog Modules Installation Instructions

Overview

The FLEX™ I/O module mounts on a FLEX I/O terminal base.



	Description		Description
1	Flexbus connector	5	Groove
2	Latching mechanism	6	Alignment bar
3	Keyswitch	7	Module
4	Terminal base		

Install Your Module



ATTENTION: During mounting of all devices, be sure that all debris (for example, metal chips, wire strands, and so on) is kept from falling into the module. Debris that falls into the module could cause damage on power up.



ATTENTION: Allow 25.4 mm (1 in.) of space between adjacent equipment for adequate ventilation.

1. Rotate the keyswitch (3) on the terminal base (4) clockwise to position 3 (1794-IE8XT), 4 (1794-0E4XT), or 5 (1794-IE4X0E2XT) as required.
2. Make sure the Flexbus connector (1) is pushed all the way to the left to connect with the adjacent terminal base or adapter. **You cannot install the module unless the connector is fully extended.**
3. Make sure that the pins on the bottom of the module are straight so that they align properly with the connector in the terminal base.
4. Position the module (7) with its alignment bar (6) aligned with the groove (5) on the terminal base.
5. Press firmly and evenly to seat the module in the terminal base unit. The module is seated when the latching mechanism (2) is locked into the module.

Connect Wiring for the Analog Inputs and Outputs

1. Connect individual input/output wiring to numbered terminals on the 0...15 row (A) for 1794-TB2, 1794-TB3, 1794-TB3S, 1794-TB3T, and 1794-TB3TS, or on row (B) for the 1794-TBN as indicated in [Table 1](#), [Table 2](#), and [Table 3](#).

IMPORTANT Use shielded wire for signal wiring.

2. Connect channel common/return to the associated terminal on row (A) or row (B) for the 1794-TB2, 1794-TB3, 1794-TB3S, 1794-TB3T, and 1794-TB3TS, or on row (C) for the 1794-TBN. For input devices requiring terminal base power, connect the channel power wiring to the associated terminal on row (C).
3. Connect any signal wiring shields to functional ground as near as possible to the module.
For 1794-TB3T or 1794-TB3TS only - Connect to earth ground terminals C-39...C-46.
4. Connect the +V DC power to terminal 34 on the 34...51 row (C) and -V common/return to terminal 16 on row (B).
5. If daisy chaining +V power to the next terminal base, connect a jumper from terminal 51 (+V DC) on this base unit to terminal 34 on the next base unit.
6. If continuing DC common (-V) to the next terminal base, connect a jumper from terminal 33 (common) on this base unit to terminal 16 on the next base unit.

04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Rockwell Automation 1794-OE4XT Installation Instructions 1794-IN125
Product record	1794-OE4XT
Manufacturer	Allen-Bradley FLEX I/O
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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