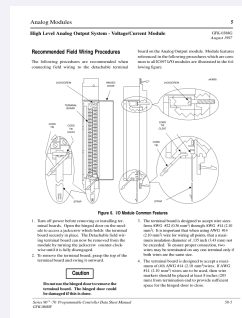


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

IC697ALG320J

four-channel voltage/current analog output module



PRODUCT	IC697ALG320J
FAMILY	Series 90-70 analog I/O
FUNCTION	four-channel voltage/current analog output module
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from GE PACSystems RX7i documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Output Channels	4
Voltage Output	Up to ± 10 V
Current Output	0 to 22.5 mA
Configuration	Individual voltage or current per channel
Scaling	User scaling per channel
Calibration	Factory calibration in EEPROM

02 PREPARATION AND CONNECTION

- Confirm the complete IC697ALG320J 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.

Analog Modules

5

High Level Analog Output System - Voltage/Current Module

GFK-0388G
August 1997

Recommended Field Wiring Procedures

The following procedures are recommended when connecting field wiring to the detachable terminal

board on the Analog Output module. Module features referenced in the following procedures which are common to all IC697 I/O modules are illustrated in the following figure.

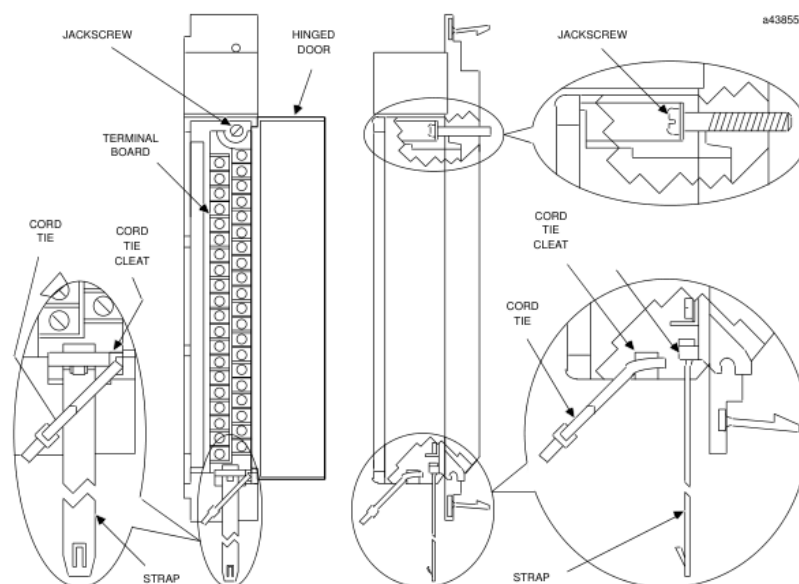


Figure 6. I/O Module Common Features

1. Turn off power before removing or installing terminal boards. Open the hinged door on the module to access a jackscrew which holds the terminal board securely in place. The Detachable field wiring terminal board can now be removed from the module by turning the jackscrew counter-clockwise until it is fully disengaged.
2. To remove the terminal board, grasp the top of the terminal board and swing it outward.
3. The terminal board is designed to accept wire sizes from AWG #22 (0.36 mm^2) through AWG #14 (2.10 mm^2). It is important that when using AWG #14 (2.10 mm^2) wire for wiring all points, that a maximum insulation diameter of .135 inch (3.43 mm) not be exceeded. To ensure proper connection, two wires may be terminated on any one terminal only if both wires are the same size.
4. The terminal board is designed to accept a maximum of (40) AWG #14 (2.10 mm^2) wires. If AWG #14 (2.10 mm^2) wires are to be used, then wire markers should be placed at least 8 inches (203 mm) from termination end to provide sufficient space for the hinged door to close.

Caution

Do not use the hinged door to remove the terminal board. The hinged door could be damaged if this is done.

Series 90™-70 Programmable Controller Data Sheet Manual
GFK-0600F

58-5

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	GE official manufacturer documentation
Product record	IC697ALG320J
Manufacturer	GE PACSystems RX7i
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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