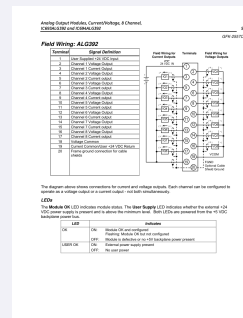


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

IC693ALG392-CF

eight-channel analog current/voltage output module



PRODUCT	IC693ALG392-CF
FAMILY	Series 90-30 analog I/O
FUNCTION	eight-channel analog current/voltage output module
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from GE 90-30 Series PLC documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Output Channels	8 single-ended
Current Ranges	0–20 mA; 4–20 mA
Voltage Ranges	0–10 V; ± 10 V
Resolution	15 to 16 bits
External Supply	20 to 30 V DC
Update Rate	8 ms approximate

02 PREPARATION AND CONNECTION

- Confirm the complete IC693ALG392-CF 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.

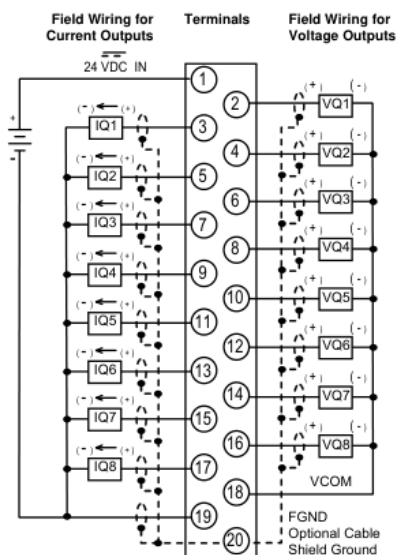
Analog Output Modules, Current/Voltage, 8 Channel, IC693ALG392 and IC694ALG392

5

GFK-2557C

Field Wiring: ALG392

Terminal	Signal Definition
1	User Supplied +24 VDC Input
2	Channel 1 Voltage Output
3	Channel 1 Current Output
4	Channel 2 Voltage Output
5	Channel 2 Current output
6	Channel 3 Voltage Output
7	Channel 3 Current output
8	Channel 4 Voltage Output
9	Channel 4 Current output
10	Channel 5 Voltage Output
11	Channel 5 Current output
12	Channel 6 Voltage Output
13	Channel 6 Current output
14	Channel 7 Voltage Output
15	Channel 7 Current output
16	Channel 8 Voltage Output
17	Channel 8 Current output
18	Voltage Common
19	Current Common/User +24 VDC Return
20	Frame ground connection for cable shields



The diagram above shows connections for current and voltage outputs. Each channel can be configured to operate as a voltage output or a current output - not both simultaneously.

LEDs

The **Module OK** LED indicates module status. The **User Supply** LED indicates whether the external +24 VDC power supply is present and is above the minimum level. Both LEDs are powered from the +5 VDC backplane power bus.

LED	Indicates
OK	ON: Module OK and configured Flashing: Module OK but not configured OFF: Module is defective or no +5V backplane power present
USER OK	ON: External power supply present OFF: No user power

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	IC693ALG392-CF
Manufacturer	GE 90-30 Series PLC
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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