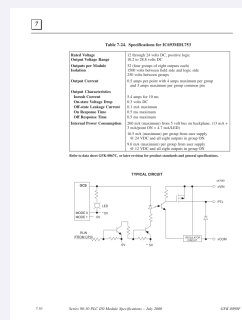


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

IC693MDL753H

32-point DC output module



PRODUCT	IC693MDL753H
FAMILY	Series 90-30 I/O
FUNCTION	32-point DC 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

Rated Voltage	12/24 V DC
Output Range	10.2 to 30 V DC
Discrete Outputs	32
Output Groups	4 groups of 8
Load per Point	0.5 A maximum
Module Load	4 A maximum per group

02

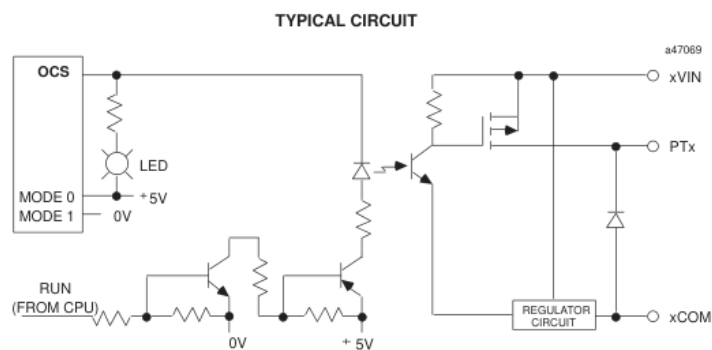
PREPARATION AND CONNECTION

- Confirm the complete IC693MDL753H 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.

Table 7-24. Specifications for IC693MDL753

Rated Voltage	12 through 24 volts DC, positive logic
Output Voltage Range	10.2 to 28.8 volts DC
Outputs per Module	32 (four groups of eight outputs each)
Isolation	1500 volts between field side and logic side 250 volts between groups
Output Current	0.5 amps per point with 4 amps maximum per group and 3 amps maximum per group common pin
Output Characteristics	
Inrush Current	5.4 amps for 10 ms
On-state Voltage Drop	0.3 volts DC
Off-state Leakage Current	0.1 mA maximum
On Response Time	0.5 ms maximum
Off Response Time	0.5 ms maximum
Internal Power Consumption	260 mA (maximum) from 5 volt bus on backplane; (13 mA + 3 mA/point ON + 4.7 mA/LED) 16.5 mA (maximum) per group from user supply @ 24 VDC and all eight outputs in group ON 9.6 mA (maximum) per group from user supply @ 12 VDC and all eight outputs in group ON

Refer to data sheet GFK-0867C, or later revision for product standards and general specifications.



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	IC693MDL753H
Manufacturer	GE 90-30 Series PLC
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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