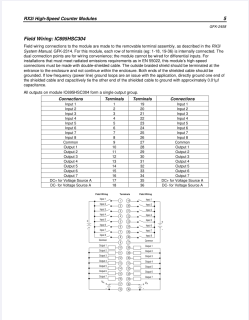
FIELD INSTALLATION QUICK GUIDE

Installation Instructions

IC695HSC304

four-channel high-speed counter module



PRODUCT	IC695HSC304
FAMILY	PACSystems RX3i motion and counting
FUNCTION	four-channel high-speed counter module
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from GE PACSystems RX3i documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Counter Channels	1 to 4
High-Speed Inputs	8
High-Speed Outputs	7
Maximum Input Rate	1.5 MHz
Counter Types	A, B, C, D, E and Z
Backplane	RX3i universal

02 PREPARATION AND CONNECTION

- Confirm the complete IC695HSC304 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.

03

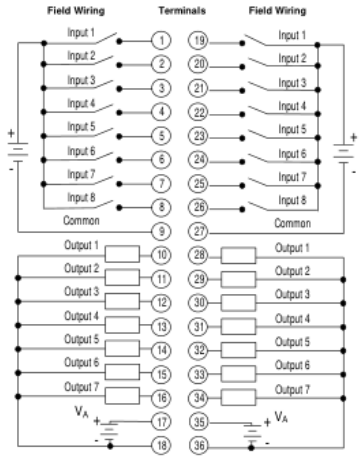
OFFICIAL INSTALLATION REFERENCE

Field Wiring: IC695HSC304

Field wiring connections to the module are made to the removable terminal assembly, as described in the *RX3i System Manual*, GFK-2314. For this module, each row of terminals (eg: 1-18, 19-36) is internally connected. The dual connection points are for wiring convenience; the module cannot be wired for differential inputs. For installations that must meet radiated emissions requirements as in EN 55022, this module's high-speed connections must be made with double-shielded cable. The outside braided shield should be terminated at the entrance to the enclosure and not continue within the enclosure. Both ends of the shielded cable should be grounded. If low-frequency (power line) ground loops are an issue with the application, directly ground one end of the shielded cable and capacitively tie the other end of the shielded cable to ground with approximately 0.01µf capacitance.

All outputs on module IC695HSC304 form a single output group.

Connections	*Terminals*	*Terminals*	*Connections*
Input 1	1	19	Input 1
Input 2	2	20	Input 2
Input 3	3	21	Input 3
Input 4	4	22	Input 4
Input 5	5	23	Input 5
Input 6	6	24	Input 6
Input 7	7	25	Input 7
Input 8	8	26	Input 8
Common	9	27	Common
Output 1	10	28	Output 1
Output 2	11	29	Output 2
Output 3	12	30	Output 3
Output 4	13	31	Output 4
Output 5	14	32	Output 5
Output 6	15	33	Output 6
Output 7	16	34	Output 7
DC+ for Voltage Source A	17	35	DC+ for Voltage Source A
DC- for Voltage Source A	18	36	DC- for Voltage Source A



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	IC695HSC304
Manufacturer	GE PACSystems RX3i
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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