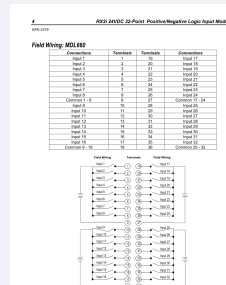


FIELD INSTALLATION QUICK GUIDE

# Installation Instructions

IC694MDL660-BC  
32-point DC input module



|          |                                  |
|----------|----------------------------------|
| PRODUCT  | IC694MDL660-BC                   |
| FAMILY   | PACSystems RX3i I/O              |
| FUNCTION | 32-point DC input 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

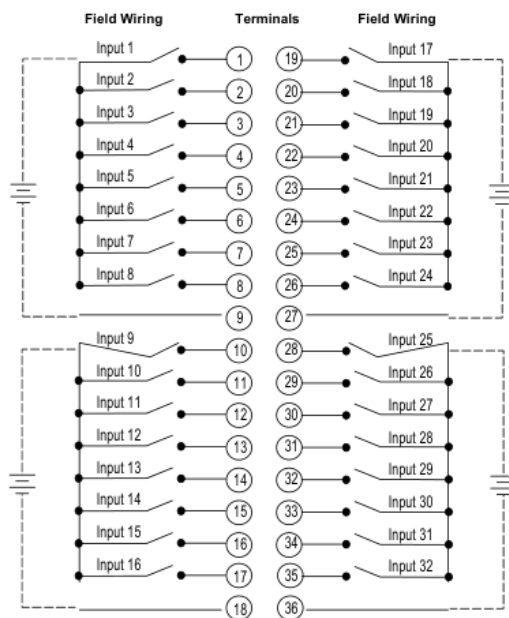
|                 |                         |
|-----------------|-------------------------|
| Rated Voltage   | 24 V DC                 |
| Input Range     | 0 to 30 V DC            |
| Discrete Inputs | 32                      |
| Input Groups    | 4 isolated groups of 8  |
| Field Isolation | 250 V AC continuous     |
| Isolation Test  | 1,500 V AC for 1 minute |

## 02 PREPARATION AND CONNECTION

- Confirm the complete IC694MDL660-BC 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.

### Field Wiring: MDL660

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



## 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  | IC694MDL660-BC                         |
| Manufacturer    | GE PACSystems RX3i                     |
| Warranty        | 12 months from AMIKON                  |
| Support         | INFO@AMIKON.CN                         |

AMIKON PRODUCT SUPPORT

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