

Installation Instructions

IC697VDD100

Digital input module

Series 90-70 / RX7i

Before work begins

- 01 Confirm the exact IC697VDD100 article number and installed power-section position.
- 02 Place the drive in a safe state, isolate all energy sources and wait the Siemens discharge time.
- 03 Record busbars, connectors, gate leads, cooling connections and protective-earth conductors.
- 04 Use ESD controls and qualified drive-service personnel throughout the replacement.

Model-specific connection checks

Module Type	Discrete input module
System Family	Series 90-70 / RX7i
Backplane Format	VME rack module
Input Function	Field-state acquisition
Channel Organization	Grouped discrete inputs
Logic Interface	PLC backplane data
Field Wiring	Terminal-board connection
Status Display	Per-point LED indication
Input Filtering	Configured noise suppression
Isolation	Field-to-logic separation

Installation sequence

- Inspect the replacement for transport damage, contamination, bent pins and altered keying.
- Install without forcing connectors or busbars; restore all shields, grounds and cooling seals.
- Torque power connections and secure cable supports under the applicable Siemens procedure.

Commissioning and return to service

- 01 Channel map and forcing status.
- 02 Check insulation and protective-earth continuity before energising..
- 03 Restore auxiliary and main power in the approved sequence..
- 04 Observe interface, control-unit and power-section diagnostics..
- 05 Test the connected motor or DC-drive function at a controlled operating point..
- 06 Record the final article number, test results and maintenance approval..

This AMIKON installation reference supplements the applicable Siemens controlled documentation and the site safety procedure.
Warranty: 12 months from AMIKON.