

Installation Instructions

KJ3102X1-BE1 12P2703X022 VE4013S2B1

Analog output module

DeltaV M-series I/O

Before work begins

- 01 Confirm the exact KJ3102X1-BE1 12P2703X022 VE4013S2B1 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	Analog output card
Output Channels	8 isolated field channels
Signal Range	4 to 20 mA
HART Support	Digital HART communication
I/O Family	DeltaV M-series
Module Key	KJ3102X1-BE1
Assembly Number	12P2703X022
Carrier Code	VE4013S2B1
Redundancy	Supported with matching carrier
Status LEDs	Power, error and channels

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 Loop and HART verification.
- 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.