

Installation Instructions

PFVK135 3BSE007135R1

processor interface board

ABB Advant Controller 110 and 160

Before work begins

- 01 Confirm the exact PFVK135 3BSE007135R1 article number and installed equipment position.
- 02 Place the equipment in a safe state, isolate all energy sources and follow the applicable ABB discharge or lockout procedure.
- 03 Record terminals, connectors, signal cables, cooling provisions and protective-earth conductors.
- 04 Use ESD controls and qualified industrial-service personnel throughout the replacement.

Model-specific connection checks

Board Designation	PFVK135
Article Number	3BSE007135R1
System Family	Advant Controller 110 / 160
Board Function	Processor and system interface
Backplane Type	Advant controller rack bus
Logic Supply	5 V DC backplane
Field Supply	24 V DC system class
Memory Type	On-board program memory
Communication Path	Controller internal bus
Status Display	Front diagnostic LEDs

Installation sequence

- Inspect the replacement for transport damage, contamination, bent pins and altered keying.
- Install without forcing connectors or terminals; restore all shields, grounds and cooling provisions.
- Secure power and signal connections under the applicable manufacturer procedure.

Commissioning and return to service

01 R1 article revision.

02 Check insulation and protective-earth continuity before energising..

03 Restore auxiliary and main power in the approved sequence..

04 Observe controller, interface and equipment diagnostics..

05 Test the connected signal, network, motor or power function at a controlled operating point..

06 Record the final article number, test results and maintenance approval..

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