

Installation Instructions

8V1180.001-2

ACOPOS servo drive

B&R ACOPOS motion control systems

Before work begins

- 01 Confirm the exact 8V1180.001-2 article number and installed equipment position.
- 02 Place the equipment in a safe state, isolate all energy sources and follow the applicable B&R 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

Model Number	8V1180.001-2
Mains Input	3 × 400 to 480 V AC ±10%
Supply Frequency	50 / 60 Hz ±4%
Installed Load	17 kVA maximum
Inrush Current	13 A at 400 V
Motor Current	19 A continuous
Peak Current	50 A
Motor Power	9 kW class
Switching Frequency	5 / 10 / 20 kHz
DC Bus Capacitance	940 µF

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 4 module slots.

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 B&R controlled documentation and the site safety procedure. Warranty: 12 months from AMIKON.