

Installation Instructions

3BHE006422R0002 UNS2861C-P,V2

governor drive board

ABB Advant OCS and Advant-800xA

Before work begins

- 01 Confirm the exact 3BHE006422R0002 UNS2861C-P,V2 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

Control Update Rate	500 μ s
Droop Adjustment	2-10% (software selectable)
Isochronous Mode	$\pm 0.05\%$ steady-state
Operating Temp	-25°C to +70°C
Storage Temp	-40°C to +85°C
Humidity	5-95% non-condensing
Supply Voltage	24VDC $\pm 10\%$
Power Consumption	15W typical
Isolation	1500VAC I/O to logic
Speed Range	0-12,000 RPM

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 4x (PWM, $\pm 50\text{mA}$).

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.