

Installation Instructions

3BHE006373R0101 XVC769AE101

optical interface board

ABB Advant OCS and Advant-800xA

Before work begins

- 01 Confirm the exact 3BHE006373R0101 XVC769AE101 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

Operating Temp	-25°C to +70°C
Storage Temp	-40°C to +85°C
Humidity	5-95% non-condensing
Vibration	1G (5-150Hz)
Power Supply	24V DC (-15%/+20%)
Power Consumption	6W typical
Optical Interfaces	2× 100BASE-FX (1300nm)
Electrical Interface	1× 10/100BASE-TX
Isolation	1500V AC
Data Rate	100Mbps full-duplex

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 ABB PCB assembly.
- 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.