

Installation Instructions

3BHE012049R0101 UF D128 A101

optical module

ABB AC 800PEC

Before work begins

- 01 Confirm the exact 3BHE012049R0101 UF D128 A101 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 Voltage	24 Vdc ($\pm 10\%$).
Data Rate	100 Mbps
Operating Temperature	-40°C to +70°C
Humidity	5–95% non-condensing
Exact Article Code	3BHE012049R0101 UF D128 A101
Board Designation	UF D128 A101
Product Family	ABB AC 800PEC
Component Type	Optical Module
Assembly Class	ABB PCB assembly
System Interface	ABB AC 800PEC control interface

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 Documented rack slot.
- 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.