

ABB ADVANT AC800M

Product Data Sheet

3BHE030312R0101 UAD169 A101

industrial control circuit board

FUNCTION industrial control circuit board	FAMILY ABB Advant AC800M	ORIGIN Switzerland	WEIGHT 0.36 kg
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ABB Advant AC800M 3BHE030312R0101 UAD169 A101 is a industrial control circuit board for the ABB Advant AC800M. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Temperature	-40°C to +70°C (-40°F to +158°F)
Humidity	5–95% RH (non-condensing)
Memory	128 MB NOR Flash
Backplane Interface	PCI-104
Power Requirements	5V DC @ 3.5A
Vibration	5g @ 10–500Hz
Exact Article Code	3BHE030312R0101 UAD169 A101
Board Designation	UAD169 A101
Product Family	ABB Advant AC800M
Component Type	Industrial Control Circuit Board

ADDITIONAL PRODUCT DATA

Assembly Class	ABB PCB assembly
System Interface	ABB Advant AC800M control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board

OFFICIAL APPLICATIONS

- Regulate pipeline pumping with Industrial Control: Within the mainline pumps and block valves, 3BHE030312R0101 UAD169 A101 serves its documented function as a industrial control circuit board. During equipment switchover, the system uses this function to align pump duty with pressure and flow demand, helping it maintain controlled movement through the line.
- Control boiler feedwater with Industrial Control: Across the feed pumps and drum-level loops, 3BHE030312R0101 UAD169 A101 operates in its approved product-family role as a industrial control circuit board. During protective transfer, the system uses this function to balance flow demand with process inventory, helping it preserve the steam-water balance.
- Stabilize paper-machine draws with Industrial Control: At the control layer of the press rolls and sectional drives, 3BHE030312R0101 UAD169 A101 supports the configured automation role as a industrial control circuit board. During sheet threading, the system uses this function to maintain speed ratios between machine sections, helping it protect sheet tension during acceleration.

SYSTEM COMPATIBILITY

Match 3BHE030312R0101 UAD169 A101 to the installed ABB Advant AC800M, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Advant AC800M documentation](#)

<https://new.abb.com/control-systems>

AMIKON PRODUCT SUPPORT

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