

ABB AC 800PEC

Product Data Sheet

3BHE019361R0101 UFD203A101

industrial control circuit board

FUNCTION industrial control circuit board	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 2.64 kg
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ABB AC 800PEC 3BHE019361R0101 UFD203A101 is a industrial control circuit board for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Supply Voltage	24VDC (±10%)
Power Consumption	15W typical
Isolation	1500VAC
Operating Temperature	0°C to +55°C
Storage Temperature	-40°C to +85°C
Humidity	5-95% RH (non-condensing)
Main Processor	32-bit DSP + FPGA
Clock Speed	≥300 MHz
Memory Flash	128MB
Control Cycle Time	<100µs

ADDITIONAL PRODUCT DATA

Digital Inputs	8 channels (24VDC)
Digital Outputs	4 channels (relay)
Analog Inputs	2 channels ($\pm 10\text{V}/4\text{-}20\text{mA}$)
Analog Outputs	2 channels (0-10V/4-20mA)
Exact Article Code	3BHE019361R0101 UFD203A101

OFFICIAL APPLICATIONS

- Supervise product blending with Industrial Control: Across the component tanks and blend headers, 3BHE019361R0101 UFD203A101 serves its documented function as a industrial control circuit board. During blend correction, the system uses this function to adjust component addition from quality feedback, helping it bring the blend toward its release target.
- Manage filtration backwash with Industrial Control: Across the filter cells and backwash valves, 3BHE019361R0101 UFD203A101 handles its designated signal or control duty as a industrial control circuit board. During filter loading, the system uses this function to sequence isolation, drain and rinse paths, helping it return the filter to production in a known state.
- Govern turbine auxiliary control with Industrial Control: Across the lube-oil pumps and turning gear, 3BHE019361R0101 UFD203A101 performs its assigned control role as a industrial control circuit board. During unit run-up, the system uses this function to coordinate permissives and auxiliary equipment states, helping it support a stable transition to rated operation.

SYSTEM COMPATIBILITY

Match 3BHE019361R0101 UFD203A101 to the installed ABB AC 800PEC, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB AC 800PEC documentation](#)

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

AMIKON PRODUCT SUPPORT

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