

ABB AC 800PEC

Product Data Sheet

3BHE019633R0101 PDD200A101

industrial processor module

FUNCTION industrial processor module	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.15 kg
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ABB AC 800PEC 3BHE019633R0101 PDD200A101 is a industrial processor module for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Clock Speed	800 MHz–1 GHz
Flash Memory	4–8 GB
Operating Temperature Range	-25°C to +70°C (derating above +55°C)
Storage Temperature	-40°C to +85°C
Humidity Resistance	5–95% (non-condensing)
Operating Voltage	24 V DC
Power Consumption	<12 W
Input Protection	±40 V peak transient
Digital I/O	16 channels
Analog I/O (Optional)	4 channels

Ethernet	2× 10/100 Mbps ports
Serial	RS-232/RS-485 for legacy devices
Fieldbus	PROFIBUS DP
Exact Article Code	3BHE019633R0101 PDD200A101
Board Designation	PDD200A101

- Regulate reactor charging during batch initiation: As part of the feed valves, vessels and agitators, 3BHE019633R0101 PDD200A101 serves its documented function as a industrial processor module. During batch initiation, the system uses this function to sequence the material path against vessel readiness, helping it begin the reaction from a verified state.
- Sequence paper-machine draws with Industrial Processor: Within the press rolls and sectional drives, 3BHE019633R0101 PDD200A101 supports the configured automation role as a industrial processor module. During sheet threading, the system uses this function to maintain speed ratios between machine sections, helping it protect sheet tension during acceleration.
- Control filtration backwash with Industrial Processor: Inside the filter cells and backwash valves, 3BHE019633R0101 PDD200A101 provides its specified system function as a industrial processor module. 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.

Match 3BHE019633R0101 PDD200A101 to the installed ABB AC 800PEC, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB AC 800PEC documentation](#)

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