

ABB AC 800PEC

Product Data Sheet

3BHE024577R0101 PPC907BE

industrial inverter module

FUNCTION industrial inverter module	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.26 kg
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ABB AC 800PEC 3BHE024577R0101 PPC907BE is a industrial inverter module for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Input Voltage	380-480 V AC, 3-phase
Output Voltage	0-480 V AC, 3-phase
Output Current	10-50 A
Control Power	24 V DC or 110/230 V AC
Switching Frequency	2-16 kHz
Operating Temperature	0°C to +55°C
Storage Temperature	-40°C to +70°C
Humidity	5-95% RH (non-condensing)
Exact Article Code	3BHE024577R0101 PPC907BE
Board Designation	PPC907BE

Product Family	ABB AC 800PEC
Component Type	Industrial Inverter Module
Assembly Class	ABB PCB assembly
System Interface	ABB AC 800PEC control interface
Control Supply	Documented rack control supply

- Synchronize stock preparation with Industrial Inverter: Across the pulp chests and refiners, 3BHE024577R0101 PPC907BE operates in its approved product-family role as a industrial inverter module. During grade change, the system uses this function to coordinate flow, consistency and equipment permissives, helping it deliver stable stock to the machine.
- Maintain rolling-mill coordination with Industrial Inverter: At the control layer of the mill stands and cooling sections, 3BHE024577R0101 PPC907BE provides its specified system function as a industrial inverter module. During load transition, the system uses this function to coordinate material handoff with the active production pass, helping it hold the rolling sequence inside its process window.
- Synchronize web transport with Industrial Inverter: At the control layer of the unwinders, dancers and pull rolls, 3BHE024577R0101 PPC907BE operates in its approved product-family role as a industrial inverter module. During format change, the system uses this function to synchronize the driven sections with product position, helping it protect web tension and print registration.

Match 3BHE024577R0101 PPC907BE 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](#)

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

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