

ABB AC 800PEC

Product Data Sheet

3BHE024855R1101 UFC921A101

industrial inverter board

FUNCTION industrial inverter board	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.36 kg
---------------------------------------	-------------------------	-----------------------	-------------------

ABB AC 800PEC 3BHE024855R1101 UFC921A101 is a industrial inverter board for the ABB AC 800PEC. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Exact Article Code	3BHE024855R1101 UFC921A101
Board Designation	UFC921A101
Product Family	ABB AC 800PEC
Component Type	Industrial Inverter Board
Assembly Class	ABB PCB assembly
System Interface	ABB AC 800PEC control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board
Signal Domain	Control and diagnostic signals

Service Position	Documented rack slot
Configuration Basis	Installed ABB hardware list
Replacement Basis	Exact article and board revision
Protective Check	ESD and protective-earth control
Commissioning Check	Power-up diagnostics and function test

- Control high-lift pump speed with Industrial Inverter: Within the pump motors, discharge headers and pressure loops, 3BHE024855R1101 UFC921A101 performs its assigned control role as a industrial inverter board. During demand increase, the system uses this function to adjust motor speed from the process demand signal, helping it maintain the required pressure with less throttling.
- Protect form-fill-seal during speed ramp process control: At the control layer of the film feed, sealing jaws and discharge belts, 3BHE024855R1101 UFC921A101 operates in its approved product-family role as a industrial inverter board. During speed ramp, the system uses this function to correct material position before sealing or cutting, helping it keep seals and cuts aligned with the product.
- Protect robotic handling with Industrial Inverter: During operation of the robots, grippers and transfer fixtures, 3BHE024855R1101 UFC921A101 handles its designated signal or control duty as a industrial inverter board. During fault recovery, the system uses this function to restore the cell from a defined intermediate state, helping it resume material flow without losing part identity.

Match 3BHE024855R1101 UFC921A101 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>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM