

ABB AC 800PEC

Product Data Sheet

3BHE037864R0106 UFC911 B106

voltage measurement board

FUNCTION voltage measurement board	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.32 kg
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ABB AC 800PEC 3BHE037864R0106 UFC911 B106 is a voltage measurement board for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

AC	Typically 0 to 400 V AC
DC	Typically 0 to 400 V DC
Exact Article Code	3BHE037864R0106 UFC911 B106
Board Designation	UFC911 B106
Product Family	ABB AC 800PEC
Component Type	Voltage Measurement 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

ADDITIONAL PRODUCT DATA

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

OFFICIAL APPLICATIONS

- Stabilize reel and winder operation with Volta Mesurement: Across the reels, slitters and winding drums, 3BHE037864R0106 UFC911 B106 performs its assigned control role as a volta mesurement board. During roll change, the system uses this function to synchronize winding torque with roll diameter, helping it build a roll with controlled tension.
- Align terminal transfer with Volta Mesurement: Across the loading pumps and metering runs, 3BHE037864R0106 UFC911 B106 performs its assigned control role as a volta mesurement board. During transfer start, the system uses this function to prove the flow path before product movement, helping it start transfer with the intended containment path.
- Balance aeration control with Volta Mesurement: In the automation chain for the blowers and dissolved-oxygen loops, 3BHE037864R0106 UFC911 B106 handles its designated signal or control duty as a volta mesurement board. During changing oxygen demand, the system uses this function to adjust air delivery from process feedback, helping it stabilize treatment performance.

SYSTEM COMPATIBILITY

Match 3BHE037864R0106 UFC911 B106 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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