

ABB AC 800PEC

Product Data Sheet

3BHE024313R0101 KS D211 B101

input coupling unit icu

FUNCTION input coupling unit icu	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.70 kg
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ABB AC 800PEC 3BHE024313R0101 KS D211 B101 is a input coupling unit icu for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Supply Voltage	24V DC
Power Consumption	5-15W typical
Isolation	1500V AC channel-to-channel
Operating Temperature	-25°C to +70°C
Storage Temperature	-40°C to +85°C
Humidity	5-95% RH non-condensing
Exact Article Code	3BHE024313R0101 KS D211 B101
Board Designation	KS D211 B101
Product Family	ABB AC 800PEC
Component Type	Input Coupling Unit Icu

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

- Route boiler feedwater with Input Coupling process control: Within the feed pumps and drum-level loops, 3BHE024313R0101 KS D211 B101 operates in its approved product-family role as a input coupling unit icu. During protective transfer, the system uses this function to balance flow demand with process inventory, helping it preserve the steam-water balance.
- Synchronize reactor charging with Input Coupling: In the automation chain for the feed valves, vessels and agitators, 3BHE024313R0101 KS D211 B101 provides its specified system function as a input coupling unit icu. 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.
- Align compressor-train operation with Input Coupling: For the coordinated operation of the compressors, seals and antisurge loops, 3BHE024313R0101 KS D211 B101 provides its specified system function as a input coupling unit icu. During throughput change, the system uses this function to coordinate the control and protection signals for the train, helping it keep the rotating train inside its operating envelope.

Match 3BHE024313R0101 KS D211 B101 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

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