

ABB AC 800PEC

Product Data Sheet

3BHE022455R1101 KSD211B

input coupling unit icu

FUNCTION input coupling unit icu	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.46 kg
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ABB AC 800PEC 3BHE022455R1101 KSD211B 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

KS D211 B101	INPUT COUPLING UNIT ICU
Power Supply	24 V DC
Input Voltage Range	0–10 V DC
Input Current Range	4–20 mA
Response Time	< 10 ms
Exact Article Code	3BHE022455R1101 KSD211B
Board Designation	KSD211B
Product Family	ABB AC 800PEC
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

- Integrate reel and winder operation with Input Coupling: During operation of the reels, slitters and winding drums, 3BHE022455R1101 KSD211B performs its assigned control role as a input coupling unit icu. During roll change, the system uses this function to synchronize winding torque with roll diameter, helping it build a roll with controlled tension.
- Regulate cooling-water circulation with Input Coupling: As part of the circulating pumps and heat exchangers, 3BHE022455R1101 KSD211B provides its specified system function as a input coupling unit icu. During controlled shutdown, the system uses this function to sequence redundant equipment around the operating unit, helping it keep heat rejection available to the process.
- Supervise terminal transfer with Input Coupling: For the coordinated operation of the loading pumps and metering runs, 3BHE022455R1101 KSD211B provides its specified system function as a input coupling unit icu. 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.

Match 3BHE022455R1101 KSD211B 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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