

ABB AC 800PEC

Product Data Sheet

3BHE022293R0101 PCD232A101

industrial controller module

FUNCTION industrial controller module	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 1.52 kg
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ABB AC 800PEC 3BHE022293R0101 PCD232A101 is a industrial controller module for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Temperature	-20°C to +60°C
Storage Temperature	-40°C to +85°C
Humidity	5-95% non-condensing
CPU	32-bit RISC processor
Clock Speed	100-200 MHz
RAM	32-64 MB
Flash Memory	16-32 MB
Voltage	24V DC
Power Consumption	8-15W
Isolation	1500V AC (input-to-output)

Exact Article Code	3BHE022293R0101 PCD232A101
Board Designation	PCD232A101
Product Family	ABB AC 800PEC
Component Type	Industrial Controller Module
Assembly Class	ABB PCB assembly

- Balance terminal transfer during transfer start: Across the loading pumps and metering runs, 3BHE022293R0101 PCD232A101 performs its assigned control role as a industrial controller module. 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.
- Track ingredient dosing with Industrial Controller: At the control layer of the batch vessels and dosing valves, 3BHE022293R0101 PCD232A101 handles its designated signal or control duty as a industrial controller module. During batch release, the system uses this function to align measured quantities with the active batch step, helping it hold dosing accuracy through the cycle.
- Route utility distribution with Industrial Controller: During operation of the steam, cooling and instrument-air headers, 3BHE022293R0101 PCD232A101 performs its assigned control role as a industrial controller module. During utility constraint, the system uses this function to prioritize process users from measured demand, helping it protect production continuity during the constraint.

Match 3BHE022293R0101 PCD232A101 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