

ABB AC 800PEC

Product Data Sheet

3BHE040375R1023 PPD512 A10-150000

ac 800pec controller

FUNCTION ac 800pec controller	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 2.95 kg
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ABB AC 800PEC 3BHE040375R1023 PPD512 A10-150000 is a ac 800pec controller for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Processor Type	32-bit
Operating Temperature	0 to +60 °C
Storage Temperature	-40 to +70 °C
Relative Humidity	5 to 95%, non-condensing
Exact Article Code	3BHE040375R1023 PPD512 A10-150000
Board Designation	PPD512 A10-150000
Product Family	ABB AC 800PEC
Component Type	Ac 800Pec Controller
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

- Monitor distillation control with Ac 800Pec process control: For the coordinated operation of the columns, reboilers and reflux circuits, 3BHE040375R1023 PPD512 A10-150000 handles its designated signal or control duty as a ac 800pec controller. During feed-composition change, the system uses this function to coordinate temperature, pressure and inventory loops, helping it maintain separation performance.
- Observe cooling-water circulation with Ac 800Pec: As part of the circulating pumps and heat exchangers, 3BHE040375R1023 PPD512 A10-150000 operates in its approved product-family role as a ac 800pec controller. 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.
- Regulate ingredient dosing with Ac 800Pec process control: At the control layer of the batch vessels and dosing valves, 3BHE040375R1023 PPD512 A10-150000 serves its documented function as a ac 800pec controller. 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.

Match 3BHE040375R1023 PPD512 A10-150000 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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