

ABB AC500 PLC SYSTEMS

Product Data Sheet

1SAP121000R0001 PM564-RP

AC500 programmable logic controller

FUNCTION	FAMILY	ORIGIN	WEIGHT
AC500 programmable logic controller	ABB AC500 PLC systems	Switzerland	0.50 kg

ABB Advant AC500 1SAP121000R0001 PM564-RP is a AC500 programmable logic controller for the ABB AC500 PLC systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	1SAP121000R0001 PM564-RP
Product Class	Ac500 Programmable Logic Controller
Product Family	ABB AC500 PLC systems
Program Memory	512 KB
Supply Voltage	24 V DC
Digital Inputs	8 integrated class
Digital Outputs	8 integrated class (Digital Outputs)
Ethernet	Expansion interface
Serial Interface	RS-485
Programming	Automation Builder

Cycle Time	Sub-millisecond Boolean processing
Mounting	DIN rail
System Bus	AC500 I/O bus

- Support recipe mixing with Ac500 Programmable: Across the mixers and ingredient skids, 1SAP121000R0001 PM564-RP supports the configured automation role as a AC500 programmable logic controller. During recipe changeover, the system uses this function to sequence material transfers and equipment permissives, helping it preserve the verified batch state.
- Integrate dryer-section control with Ac500 Programmable: Within the steam groups and dryer drives, 1SAP121000R0001 PM564-RP operates in its approved product-family role as a AC500 programmable logic controller. During moisture correction, the system uses this function to align thermal and drive response with the running sheet, helping it support the target moisture profile.
- Synchronize cooling-water circulation with Ac500 Programmable: Across the circulating pumps and heat exchangers, 1SAP121000R0001 PM564-RP serves its documented function as a AC500 programmable logic 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.

Match 1SAP121000R0001 PM564-RP to the installed ABB AC500 PLC systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB official product documentation and manufacturer catalog](#)

AMIKON PRODUCT SUPPORT

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