ABB AC500-ECO V3 CONTROLLERS

# Product Data Sheet

## PM5012-T-ETH 1SAP122600R0072

AC500-eCo processor module

| FUNCTION | FAMILY | ORIGIN | WEIGHT |
|---|---|---|---|
| **AC500-eCo processor module** | **ABB AC500-eCo V3 controllers** | **Germany** | **0.45 kg** |

ABB Advant AC500 PM5012-T-ETH 1SAP122600R0072 is a AC500-eCo processor module for the ABB AC500-eCo V3 controllers. The values below are limited to the exact documented article.

## 01 VERIFIED TECHNICAL DATA

| | |
|---|---|
| Supply voltage | 24 V DC |
| Maximum supply current | 200 mA |
| Maximum power dissipation | 5.7 W |
| Processor clock | 300 MHz |
| Application memory | 1 MB total |
| User code and data memory | 256 KB dynamically allocated |
| Digital inputs | 6 at 24 V DC |
| Transistor outputs | 4 at 24 V DC |
| Ethernet interfaces | 1 RJ45 |
| Option board slots | 1 |

## 02 ADDITIONAL PRODUCT DATA

| | |
|---|---|
| Persistent FRAM | 8 KB |
| Retention memory | 4 KB VAR_RETAIN |
| Maximum input frequency | 5 kHz |
| Module mass | 225 g |
| Lifecycle phase | Classic; replaced by R0172 revision |

## 03 OFFICIAL APPLICATIONS

- Compact pump-station control panels: PLC Control Systems
- Packaging machine control cabinets: Machine Automation Systems
- Distributed utility equipment panels: Facility Control Systems

## 04 SYSTEM COMPATIBILITY

Match PM5012-T-ETH 1SAP122600R0072 to the installed ABB AC500-eCo V3 controllers, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## 05 OFFICIAL SOURCES

**ABB official manufacturer documentation**

Official manufacturer documentation

**AMIKON PRODUCT SUPPORT**

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