AC500-ECO V3

Product Data Sheet

PM5052-T-ETH

Ethernet programmable controller

NOMINAL SUPPLY	USER PROGRAM MEMORY	PROCESSOR ARCHITECTURE	RAM MEMORY
24 V DC	**4 MB**	**32-bit TI ARM Cortex-A9**	**128 MB**

ABB PM5052-T-ETH is an AC500-eCo V3 programmable controller with 4 MB user program memory and an integrated Ethernet interface. The controller combines 12 digital inputs with 8 transistor outputs for its onboard I/O configuration.

01 TECHNICAL DATA

Nominal supply	24 V DC
User program memory	4 MB
Program code and data capacity	768 kB
Processor architecture	32-bit TI ARM Cortex-A9
RAM memory	128 MB
Flash memory	128 MB
Onboard digital inputs	12
Onboard digital outputs	8
Output technology	Transistor
Maximum output current	0.5 A resistive per channel

ABB PLC Automation Catalog 3ADR020077C0204 Rev. H; physical pages 116 and 126-128

02 ADDITIONAL PRODUCT DATA

Ethernet connections	1 RJ45
Option board slots	3
Serial interface expansion	Option-board based
Modbus TCP roles	Client and server
RUN/STOP selector	Toggle switch

03 PRODUCT FUNCTION

The Standard CPU provides three option-board slots, two configurable digital input/output channels and 768 kB for program code and data. It supports up to ten local S500 or S500-eCo expansion modules and provides web-server functionality subject to the documented runtime configuration.

04 SYSTEM COMPATIBILITY

The Standard CPU provides three option-board slots, two configurable digital input/output channels and 768 kB for program code and data. It supports up to ten local S500 or S500-eCo expansion modules and provides web-server functionality subject to the documented runtime configuration.

05 REFERENCE

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