AC500

Product Data Sheet

PM571-ETH

Ethernet processor module

NOMINAL SUPPLY	PROGRAM MEMORY	DATA MEMORY	BINARY EXECUTION TIME
24 V DC	**64 kB**	**21 kB including 4 kB retain**	**0.09 ms per 1000 instructions**

ABB PM571-ETH is a modular AC500 Ethernet processor with 64 kB program memory. It combines programmable control execution with Ethernet communication, two configurable serial interfaces and a front display with eight function keys.

01 TECHNICAL DATA

Nominal supply	24 V DC
Program memory	64 kB
Data memory	21 kB including 4 kB retain
Binary execution time	0.09 ms per 1000 instructions
Word execution time	0.30 ms per 1000 instructions
Floating-point execution	6 ms per 1000 instructions
Ethernet connector	RJ45
COM1 modes	RS232 or RS485
COM1 connection	Terminal block
COM2 connection	9-pin D-sub

02 ADDITIONAL PRODUCT DATA

Maximum local digital inputs	320
Maximum local digital outputs	240
Maximum local analog inputs	160
Maximum local analog outputs	160
Operator interface	Display and 8 function keys

03 PRODUCT FUNCTION

The documented data memory is 21 kB including 4 kB retain, backed by the applicable battery arrangement. COM1 is connected through the terminal base and COM2 through a D-sub connector; cyclic, time-controlled and multitasking execution are supported within the compatible AC500 engineering environment.

04 SYSTEM COMPATIBILITY

The documented data memory is 21 kB including 4 kB retain, backed by the applicable battery arrangement. COM1 is connected through the terminal base and COM2 through a D-sub connector; cyclic, time-controlled and multitasking execution are supported within the compatible AC500 engineering environment.

05 REFERENCE

ABB AC500 Technical Catalog 2CDC125002B0207

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