AC500

Product Data Sheet

PM582-ETH

Ethernet processor module

NOMINAL SUPPLY	PROGRAM MEMORY	DATA MEMORY	BINARY EXECUTION TIME
24 V DC	**512 kB**	**288 kB including 32 kB retain**	**0.07 ms per 1000 instructions**

ABB PM582-ETH is a modular AC500 Ethernet processor with 512 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	512 kB
Data memory	288 kB including 32 kB retain
Binary execution time	0.07 ms per 1000 instructions
Word execution time	0.07 ms per 1000 instructions
Floating-point execution	1.6 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 288 kB including 32 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 288 kB including 32 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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