AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

YPP110A 3ASD573001A1

APC2 Application Controller

TYPE	REFERENCE	FAMILY	SCOPE
APC2 Application Controller	**3ASD573001A1**	**APC2**	**APC2 / stated release**

ABB YPP110A 3ASD573001A1 is the processor board for the APC2 application controller used in ABB drive arrangements. It executes the configured function-block program and works with separately selected communication and I/O boards, keeping controller logic distinct from the associated power converter.

01 DOCUMENTED PRODUCT REFERENCE

Programming environment	AdvaBuild for Windows / FCB / QMA223
Direct tool interface	V.24
Direct tool baud rate	9600 baud
Tool connector	X4 on YPP110A
System FPROM capacity	256 kbyte
User FPROM capacity	256 kbyte
RAM capacity	256 kbyte
Boot-program partition	16 kbyte

Manufacturer data summarized for the identified model and stated conditions.

02 TECHNICAL DATA

Parameter-storage partitions	2 x 8 kbyte
Program-backup partition	224 kbyte
Program/data RWM, APC2.0	118 kbyte available
Maximum program domain	32 kbyte
Memory allocation fraction	256 bytes
Maximum program hierarchy	9 levels
Blocks per hierarchy level	Up to 255; BLOCK level excluded

03 APPLICATION AND CONFIGURATION

- YPP110A and complete 3ASD573001A1 marking
- Board revision and installed APC2 software release
- Source-project backup and user-program storage
- Separate I/O, communication and mounting parts
- Use the applicable manufacturer safety and installation instructions.

04 OFFICIAL DOCUMENTATION

ABB APC2 Configuration and Programming, 3AFY61326511 Rev A

ABB 3AFY61326511 Rev A: tool connection and memory architecture. Memory allocation of 118 kbyte is specific to APC2.0; verify the supplied hardware and installed release.

Independently prepared Amikon reference summary, not an original manufacturer manual. Ratings apply only under their documented conditions. Confirm the supplied marking and approved configuration before selection, installation or replacement.

AMIKON PRODUCT SUPPORT

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