AC 800PEC PPD113

Product Data Sheet

3BHE023584R1032 PPD113 B03-10-151000

Power Converter Control Module

PROCESSOR FAMILY, PPD113 PLATFORM	WORKING MEMORY, PPD113 PLATFORM	NONVOLATILE STORAGE, PPD113 PLATFORM	ETHERNET CONNECTIONS, PLATFORM
PowerPC 750FX	**64 MB SDRAM**	**16 MB flash**	**2**

ABB 3BHE023584R1032 PPD113 B03-10-151000 is identified as a power-converter controller in the AC 800PEC family. The PPD113 platform combines a processor with programmable logic and optical peripheral I/O, separating controller processing from the configured measurement, control and field-interface modules.

01 TECHNICAL DATA

Processor family, PPD113 platform	PowerPC 750FX
Working memory, PPD113 platform	64 MB SDRAM
Nonvolatile storage, PPD113 platform	16 MB flash
Ethernet connections, platform	2
AnyIO interfaces, platform	2
Optical module positions, platform	Up to 6
Fieldbus expansion architecture	CEX or AnyBus-S
Controller programming standard	IEC 61131-3
Peripheral I/O medium	Fiber optic

ABB AC 800PEC brochure 3BHS201058 E01; PPD113 platform hardware architecture. Exact interface population is configuratio

02 ADDITIONAL PRODUCT DATA

ABB documents the PPD113 platform with a PowerPC 750FX processor, 64 MB SDRAM and 16 MB flash storage. Its modular architecture provides two Ethernet connections, two AnyIO interfaces and positions for up to six optical modules. These are platform characteristics; the installed interface population and loaded application of the B03-10-151000 variant remain configuration-dependent.

03 PRODUCT FUNCTION

Integrate 3BHE023584R1032 PPD113 B03-10-151000 within its AC 800PEC converter project. The processor, application software and fitted optical or fieldbus submodules jointly define the installed controller, so a platform block diagram does not establish the population of every connector on this variant.

04 SYSTEM COMPATIBILITY

Use the project drawings to identify the populated AnyIO positions and optical links before connecting external circuits. The PPD113 platform supports CEX or AnyBus-S expansion and separate optical process I/O; retain the actual installed interface types and signal assignments rather than populating unused positions by assumption.

05 REFERENCE

ABB AC 800PEC brochure 3BHS201058 E01; PPD113 platform hardware architecture. Exact interface population is configuration-dependent.

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