AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

CPM810

Turbine Common Processor Module

TYPE	REFERENCE	FAMILY	SCOPE
Turbine Common Processor Module	**CPM810**	**800 Series Turbine**	**Scoped interface data**

ABB CPM810 is the common processor module used within the 800 Series turbine-control range. It executes the configured module function and exchanges controller information over PROFIBUS DP, working with the appropriate application module rather than acting as a general-purpose computer.

01 DOCUMENTED PRODUCT REFERENCE

Controller communication	PROFIBUS DP
800 Series interface standard	DP/V1
800 Series PROFIBUS interfaces	2 independent slave hardware interfaces
Master redundancy	PROFIBUS PNO slave-specification support
Line redundancy	Flying line redundancy support

Manufacturer data summarized for the identified model and stated conditions.

02 TECHNICAL DATA

800 Series nominal assembly supply	24 V DC
Terminal-base occupancy	One slot per module
Terminal-base cabinet mounting	Standard 35 mm DIN rail
Local indication	Front-panel status LEDs
Enclosure construction	Ventilated plug-in housing

03 APPLICATION AND CONFIGURATION

- CPM810 and actual module identification
- Correct 800 Series application configuration
- Terminal-base power and PROFIBUS arrangement
- Qualified application-specific acceptance checks
- Use the applicable manufacturer safety and installation instructions.

04 OFFICIAL DOCUMENTATION

ABB Symphony Plus product catalogue, 2VAA005340 en G, 800 Series Turbine

CPM810 identity and 800 Series interface scope follow ABB page142. Mounting follows pages144/146; enclosure and LEDs follow original photos. Complete AS800/VP800/TP800 currents and CPU data are not assigned to this individual module.

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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