PlantPAx Distributed Control System
Hardware Certifications and Specifications

The PlantPAx® Distributed Control System is the modern DCS platform from Rockwell Automation, a better approach to modern process control. The PlantPAx distributed control system gives you everything that you want in a world-class, contemporary DCS plus integrated, plant-wide control technologies and unmatched scalability. With a global network of service and support experts, you can count on Rockwell Automation to implement a proven greenfield, brownfield, or migration strategy to help reduce installation, engineering and training, and help improve profitability.

PlantPAx Hardware Certifications

PlantPAx System hardware has achieved many levels of certifications including:

- Compliance with European Union Directives
- Compliance with Australian Acts
- Certification for Marine and Off-shore Applications
- UL,CSA Certification
- Functional Safety Certifications
- System Security Assurance Certification

For more information on specific certifications for the listed hardware, please see the Product Certifications Page.

PlantPAx Hardware Specifications

The following table provides references to the technical data for PlantPAx Hardware by family name.

Hardware Type	Family Name	Technical Data
Controllers	1756 ControlLogix® Controllers	1756-TD001
	1769 CompactLogix™ Controllers	1769-TD005
	5069 CompactLogix Controllers	5069-TD002
Controller Chassis	1756 ControlLogix Chassis	1756-TD006
Controller Power Supplies	1756 Power Supplies	1756-TD005
Redundancy Modules	1756 ControlLogix Redundancy Modules	1756-TD001
Chassis-based I/O	1756 ControlLogix I/O	1756-TD002
	FLEX 5000™ I/O	5094-TD001
In-Cabinet Distributed Digital Input Modules	1794 FLEX™ I/O Digital Modules	1794-TD015
In-Cabinet Distributed Analog Input Modules	1794 FLEX I/O Analog Modules	1794-TD016
Ethernet Interface Cards	1756 ControlLogix Communication Modules	1756-TD003
	1794 FLEX I/O Communication Adapters	1794-TD014
Redundant I/O *	1715 Redundant I/O	1715-TD001
In-Cabinet Intrinsically Safe I/O	1719 Ex I/O	1719-TD001
Switches **	1783 Stratix® Switches	1783-TD001

*For additional I/O platforms, reference the PlantPAx Selection Guide: PROCES-SG001 -EN-P.
**We also recommend Cisco 9300 switches as distribution, layer 3 switches. www.cisco.com

Note: (1) If environmental conditions warrant, extreme temperature FLEX I/O modules can be used. (2) If environmental conditions warrant, extreme temperature ControlLogix modules can be used. (3) Networked motor control center devices can be used in place of standard I/O modules (digital and analog outputs). (4) The previously referenced I/O conformal coated products are considered part of the PlantPAx distributed control system.

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