Stratix 5800
High Performance Managed Switch

AB Allen-Bradley
by **ROCKWELL AUTOMATION**

Features and Benefits

- All gig switch platform for high-performance network support

- Fixed and modular options up to 26 ports providing flexibility and scalability

- Wide variety of copper, fiber, and PoE choices to support a diverse set of applications

- Supports layer 2 access switching and layer 3 routing for use in multiple layers of the architecture

- Supports both IT and OT configuration and management tools allowing users to leverage the expertise of both teams

- Default configurations for industrial applications providing easy setup and optimized performance

- IEC 62443-4-2 certification achieving adherence to a global cybersecurity standard

Optimized Integration

- Studio 5000® Add-on Profiles (AOPs) enable premier integration into the Rockwell Automation® Integrated Architecture® system

- Predefined named Logix tags for monitoring and port control

- FactoryTalk® View Faceplates help to enable status monitoring and alarming

- Embedded Cisco® technology, including IOS-XE operating system, helps enable secure integration with the enterprise network

The Allen-Bradley® Stratix® 5800 managed industrial Ethernet switch offers gigabit performance in a flexible package. It comes in both fixed and modular designs supporting a wide variety of copper, fiber, and PoE expansion modules and is available with Layer 2 switching or Layer 3 routing firmware options to meet a diverse range of application needs.

When used as a layer 2 switch, the Stratix 5800 is ideal where high-performance end devices are located. When used as a Layer 3 switch, routing is enabled between segmented networks for better performance and protection from unwanted network traffic. Segmenting the network helps to ease changes that simplify security management by building domains of trust and increasing efficiency.

The Stratix 5800 includes a robust set of switching, routing, and security features to support a wide range of architectures and utilizes the Cisco IOS-XE operating system for optimized compatibility to the enterprise environment.

Choosing a switch co-developed by Rockwell Automation and Cisco, allows your Operations Technology (OT) and Information Technology (IT) professionals to leverage tools and technology that is familiar to them. By helping to provide optimized integration, you can experience easier commissioning and actionable diagnostics.

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Stratix 5800 Catalog Structure

	Total ports	RJ45 ports	PoE/PoE+ ports*	SFP slots	Modular**	Features	Firmware Type
Switches							
1783-MMS10B	10	8 GE		2 GE	-	Standard	Layer 2
1783-MMS10BE	10		8 GE	2 GE	-	Standard	Layer 2
1783-MMS10	10	8 GE		2 GE	Yes	Standard	Layer 2
1783-MMS10A	10	8 GE		2 GE	Yes	Advanced	Layer 2
1783-MMS10E	10		8 GE	2 GE	Yes	Standard	Layer 2
1783-MMS10EA	10		8 GE	2 GE	Yes	Advanced	Layer 2
1783-MMS10R	10	8 GE		2 GE	Yes	Standard	Layer 3
1783-MMS10AR	10	8 GE		2 GE	Yes	Advanced	Layer 3
1783-MMS10ER	10		8 GE	2 GE	Yes	Standard	Layer 3
1783-MMS10EAR	10		8 GE	2 GE	Yes	Advanced	Layer 3
Expansion Modules							
1783-MMX8T	8	8 GE			NA	Standard	NA
1783-MMX8TA	8	8 GE			NA	Advanced	NA
1783-MMX8E	8		8 GE		NA	Standard	NA
1783-MMX8EA	8		8 GE		NA	Advanced	NA
1783-MMX8S	8			8 GE	NA	Standard	NA
1783-MMX8SA	8			8 GE	NA	Advanced	NA
1783-MMX6T2S	8	6 GE		2 GE	NA	Standard	NA
1783-MMX16T	16	16 GE			NA	Standard	NA
1783-MMX16E	16		16 GE		NA	Standard	NA
1783-MMX14T2S	16	14 GE		2 GE	NA	Standard	NA

There is a power budget of 360 W shared across the PoE/PoE+ ports.

*** A modular switch supports one expansion module.*

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