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主题: 1756-RM 与 1757-SRM 的区别

What are the Differences Between the 1757-SRM Standard and 1756-RM Enhanced Redundancy Module?

一、背景

罗克韦尔新财年 FY13 公布的表价里已经看不到 1757-SRM 冗余模块，估计已经停产。新出的 1756-RM 冗余模块如何替代 1757-SRM，两者存在什么区别呢？

二、模块差异表:

	1757-SRM	1756-RM
Slots Consumed	2	1
Primary Status Relay	Yes	No
Controller Hardware	8.5x	16.5x
Versions Supported	10.5x, 13.5x	16.5x
	15.5x, 16.5x	
Compatible Controller	1756-L55	1756-L6x
	1756-L6x	
Compatible Comm Modules	1756-ENBT	1756-EN2T, 1756-EN2

	1756-CNB, 1756-CNBR	1756-CN2, 1756-CN2R
		1756-CNB, 1756-CNBR
I/O Communication Network	Control Net	Control Net
		Ethernet/IP
Connected Fiber Cables	1757-SRMx	1756-RMCx
Switchover time	> 20ms	< = 20ms

三、16.057 冗余包支持的硬件版本:

Cat. No.	Module Description	Series	Firmware Revision
1756-CNB	ControlLogix® ControlNet™ bridge module	D	7.016
1756-CNBR	ControlLogix redundant ControlNet bridge module		
1756-CNB	ControlLogix ControlNet bridge module	E	11.005
1756-CNBR	ControlLogix redundant ControlNet bridge module		
1756-ENBT	ControlLogix EtherNet/IP bridge module	Any	6.006
1756-EWEB	ControlLogix EtherNet/IP web server module	Any	4.016
1756-L61	ControlLogix5561 controller	Any	16.057
1756-L62	ControlLogix5562 controller		
1756-L63	ControlLogix5563 controller		
1756-L64	ControlLogix5564 controller		
1756-RM	ControlLogix redundancy module	A, B	2.006
1757-SRM	ControlLogix system redundancy module	A, B	5.004