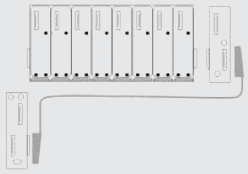
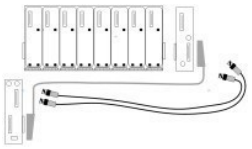
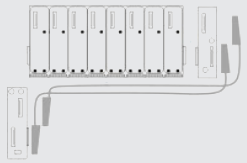
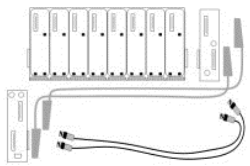
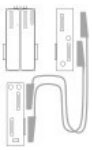
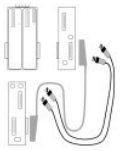
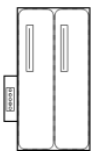
Hardware Specifications

Specifications for the I/O Subsystem Horizontal Carriers		
2-Wide Power/Controller Carrier		
Capacity	One system power supply and one controller or two system power supplies	
Dimensions	**Centimeters**	**Inches**
Height	16.5	6.5
Width	8.4	3.3
Depth	3.1	1.2
Connector to connector width	9.1	3.6
8-Wide I/O Carrier with field power per two I/O cards Specifications		
Capacity	Eight I/O cards and eight terminal blocks	
Dimensions	**Centimeters**	**Inches**
Height	16.5	6.5
Width	33.6	13.2
Depth	3.1	1.2
Current Ratings		
Backplane	8 A max (supplied to I/O cards)	
Bussed field power bus	6.5 A max (supplied to field terminals) per two I/O cards	
8-Wide I/O Carrier with separate field power for each I/O cards Specifications		
Capacity	Eight I/O cards and eight terminal blocks	
Dimensions	**Centimeters**	**Inches**
Height	16.9	6.7
Width	33.6	13.2
Depth	3.1	1.2
Current Ratings		
Backplane	8 A max (supplied to I/O cards)	
Bussed field power bus	3.2 A max (supplied to field terminals) per I/O card	

4-Wide I/O Carrier Specifications		
Capacity	Four I/O cards and four terminal blocks	
Dimensions	**Centimeters**	**Inches**
Height	16.9	6.7
Width	17.0	6.7
Depth	3.1	1.2
Current Ratings		
Backplane	8 A max (supplied to I/O cards)	
Bussed field power bus	3.2 A max (supplied to field terminals) per I/O card	
1-Wide I/O Carrier Extender (Left and Right) Specifications		
Capacity	Single or dual cables with SIS safety bus coax cables	
Dimensions	**Centimeters**	**Inches**
Height	16.5	6.5
Width	4.2	1.7
Depth	3.1	1.2
Current Ratings		
Backplane	8 A max (supplied to I/O cards)	
Injected Power connector (Left extender only)	8 A max (supplied to I/O cards)	

Environmental specifications (All Carrier components)	
Operating temperature*	-40 to 70°C (-40 to 158°F)
Storage temperature	-40 to 85°C (-40 to 185°F)
Relative humidity	5 to 95%, non-condensing
Airborne contaminants	ISA-S71.04-1985 Airborne Contaminants Class G3 Conformal coating
Shock (normal operating conditions)	10 g ½-sine wave for 11 ms
Vibration (operative limit)	1 mm peak-to-peak from 5 Hz to 16 Hz, 0.5 g from 16 Hz to 150 Hz

Operating any electronics at the higher end of its temperature range for long periods of time will shorten its expected lifetime, see **Effects of Heat and Airflow Inside an Enclosure White Paper for more information.*

8-Wide I/O Interface Carrier with Carrier Shield Bar and individual field power per card and Single Enhanced Carrier Extender Cable. Cable is 1.2m.		VE4050K1C0
8-Wide I/O Interface Carrier with Carrier Shield Bar and individual field power per card, Single Enhanced Carrier Extender Cable, and Redundant SISNet Coax Cables. Cables are 1.2m		VE4050K1C2
8-Wide I/O Interface Carrier with Carrier Shield Bar and individual field power per card, and Dual Carrier Extension Cable. Cables are 1.2m.		VE4050K2C0
8-Wide I/O Interface Carrier with Carrier Shield Bar and individual field power per card, Dual Enhanced Carrier Extender Cables, and Redundant SISNet Coax Cables. Cables are 1.2m.		VE4050K2C2
2-Wide Power/Controller Carrier		VE3051C0
2-Wide Power/Controller Carrier with Dual Enhanced Extender Cables. Cables are 1.2m.		VE3051C2
2-Wide Power/Controller Carrier with Single Enhanced Extender Cable. Cable is 1.2m.		VE3051C3
2-Wide Power/Controller Carrier with Single Enhanced Extender Cable and Redundant SISNet Coax Cables. Cables are 1.2m.		VE3051C5
Carrier Blank Cap		VE6101
Horizontal-Mount 2-Wide Power Carrier; 12 V DC Output		VE5056