

C-SIZE VXI SWITCHING MODULES SELECTION GUIDE

EASE OF PROGRAMMING AND HIGH-SPEED CONTROL

1260 Series C-Size switch modules are the only ones that give you the convenience of message-based control for ease of programming and a register-based interface for high-speed control.

GENERAL PURPOSE							
Model #	Configuration Per Card	Max Voltage	Max Current	Max Power	Max Frequency	Connection Type	Comments
1260-12	20-ch DPDT	220 VDC or 250 VAC	2 ADC or AAC	60 WDC or 62.5 VA	35 MHz	Positronic SGMC (solder); supplied	
1260-13	40-ch DPST	220 VDC or 250 VAC	2 ADC or AAC	60 WDC or 62.5 VA	50 MHz	Positronic SGMC (solder); supplied	Provisions for addition of series devices
1260-16	40-ch SPDT	110 VDC or 250 VAC	5 ADC or AC	150 W 1250 VA	30 MHz	Positronic SGMC (solder); supplied	Provisions for addition of series devices
1260-17/17A	80-ch SPDT	250 VDC or VAC	1 ADC or AAC	30 W or 62.5VA	60 MHz	IDC (flat ribbon) or DIN (crimp); supplied	
1260-18	152-ch SPST	220 VDC or 250 VAC	2 ADC or AAC	60 W 125 VA	100 MHz	160-pin DIN (crimp); NOT supplied	
1260-39	5-ch DPST	220 VDC or VAC	10 ADC or AAC	150 W or 2000 VA	5 kHz	AMP connector and pins; NOT supplied	
	48-ch SPST; Six 1x2's, 1-wire; Three 1x4's, 1-wire; Five 2x8's, 1-wire	110 VDC or 125 VAC	1 ADC or AAC	60 W or 125 VA	30 MHz	160-pin DIN (crimp) and Positronics SGMC (solder); NOT supplied	

DIGITAL TEST							
Model #	Configuration Per Card	Max Voltage	Max Current	Max Power	Max Frequency	Connection Type	Comments
1260-14	96 Discrete I/O, TTL	5.25 V	15 mA source/ 48 mA sink	252 mW	1 kHz w/Opt 01 or 200 kHz w/ Opt 01T	IDC (flat ribbon); supplied	
1260-14 (CMOS)	96 Discrete I/O, CMOS	5.0 V	6 mA source or sink	30 mW			
1260-14C	96 Discrete I/O, open-collector	32 V	200 mA sink	6.4 W			

MATRIX							
Model #	Configuration Per Card	Max Voltage	Max Current	Max Power	Max Frequency	Connection Type	Comments
1260-40A	4x24 Matrix, 2-wire	250 VDC or VAC	1 ADC or AAC	30 W or 62.5 VA	20 MHz	Positronics SGMC (solder), supplied	
1260-40B	8x12 Matrix, 2-wire						
1260-40C	Dual 4x12 Matrix, 2-wire						
1260-43	Three 8x24 Matrices	220 VDC or 250 VAC	2 ADC or AAC	60 W or 62.5 VA	40 MHz	2 Row IDC; NOT supplied	
1260-45A	Four 4x16 Matrices, 2-wire	250 VDC or 250 VAC	1 ADC or AAC	30 W or 62.5 VA	25 MHz	IDC (flat ribbon) or DIN (crimp); supplied	

MULTIPLEXERS

Model #	Configuration Per Card	Max Voltage	Max Current	Max Power	Max Frequency	Connection Type	Comments
1260-30A	2-wire, 1x40	220 VDC or 250 VAC	2 ADC or AAC	60 W or 62.5 VA	10 MHz	Positronics SGMC (solder); supplied	VXIbus, Analog SUMbus access to expand mux size
1260-30B	2-wire, dual 1x20						
1260-30C	2-wire, quad 1x10						
1260-30D	2-wire, eight 1x5						
1260-35/35A	2-wire, 1x96 Stock; can be configured as 2 or 4-wire: 1x48, 1x24, 1x12, 1x6; or one-wire: 1x192	220 VDC or 250 VAC	1 ADC or AAC	60 W or 125 VA	50 MHz	IDC (flat ribbon) or DIN (crimp); supplied	VXIbus, Analog SUMbus access expands mux size to other cards. Internally configurable
1260-37/37A	40-ch SPDT Eight 1x6 mux	250 VDC or VAC	1 ADC or AAC	30 W or 62.5 VA	35 MHz	IDC (flat ribbon) or DIN (crimp); supplied	
1260-38	Sixteen 1x8 Software config- urable to larger mux configurations using 1x8 modules in 1, 2 or 4-wire modes	220 VDC or 250 VAC	2 ADC or AAC	60 W or 125 VA	30 MHz	160-pin DIN (crimp); NOT supplied	
1260-38T	Sixteen 1x8's Software config- urable to larger mux configurations using 1x8 modules in 2 or 4-wire modes	220 VDC or 250 VAC	2 ADC or AAC	60 W or 125 VA	30 MHz	160-pin DIN (crimp); NOT supplied	High isolation, extra shielding No one-wire mode

POWER

Model #	Configuration Per Card	Max Voltage	Max Current	Max Power	Max Frequency	Connection Type	Comments
1260-16A	64-ch SPDT	110 VDC or 250 VAC	6 ADC or AAC	180 W 1500 VA	10 MHz	Positronic; NOT supplied	
1260-20	20-channel DPST	250 VDC or 380 VAC	8 ADC or AAC	150 W or 2000 VA	30 MHz	Positronic GMCT (solder); supplied	Provisions for addition of series or shunt devices
1260-22	40-ch SPST, internally configu- rable	250 VDC or VAC	20 ADC or AAC	600 W or 4800 VA	300 KHz	Rack and Panel (solder); supplied	Fail-safe connector for local or global reset Provisions for addition of series devices
1260-22A	Multiplexer, five 1x4 and ten 2x1						

RF

Model #	Configuration Per Card	Max Voltage	Max Current	Max Power	Max Frequency	Connection Type	Comments
1260-50C	Eight 1x4's Software configu- rable to 1x39	200 VDC or VAC	0.5 ADC or AAC	10 W (RF)	350 MHz (-3 dB) >200 MHz in 1x79	Connector body; supplied Coax pins; NOT supplied	Order pins or cable assy (cable assy is a coax w/pins on each end)
1260-50D	Sixteen 1x4's Software configu- rable to 1x79						
1260-51	RF Matrix, software configurable as six 2x6's, three 2x2's or one 2x36 matrix	110 VDC or 125 VAC	0.5 ADC or AAC	30 W or 62.5 VA	400 MHz (2x6) or 325 MHz (2x36)	Connector body; supplied Coax pins; NOT supplied	Order pins or cable assy (cable assy is a coax w/pins on each end)
1260-54	Six 1x4's w/optional terminations on channels	30 VDC or 100 VAC	1.5 ADC or AAC	40 W	1.3 GHz	SMC Coax pins; NOT supplied	
1260-58	Four SP8T's	24 VDC or 24 VAC	10 mADC or 10 mAAC	10 W (RF)	>1 GHz	SMB coax pins; NOT supplied	

SPECIAL RF							
Model #	Configuration Per Card	Max Voltage	Max Current	Max Power	Max Frequency	Connection Type	Comments
1260-93A	93 Ω , Eight 1x4's Software configurable to 1x39	100 VDC or VAC	0.5 ADC or AAC	10 W (RF)	100 MHz (93 Ω)	Connector body; supplied Connector pins; NOT supplied	Order pins or cable assy (cable assy is a coax w/pins on each end)
1260-93B	93 Ω , Sixteen 1x4's Software configurable to 1x79						

MICROWAVE (50 Ω)							
Model #	Configuration Per Card	Max Voltage	Max Current	Max Power	Max Frequency	Connection Type	Comments
1260-67M	SPDT, SP4T, SP6T, Transfer			40 W @ 19 GHz, 3 W @ 26.5 GHz	\leq 26.5 GHz	SMA, K APC 3.5	6 configurable switch locations in a 1-slot VXI module

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