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Series 7000™ PIXIE Products

Model No.	Description	Current Rating	Crosstalk/Voltage	Bandwidth/ Switching Power	Insertion Loss
7010	Eight (8) SPDT 10 Amp Relays - General Purpose	10Amps	250VAC	2,000 VA	
7011	2 x 16 Dual Wire Matrix	2 Amps		>50 MHz	
7012	2x16 Single-Wire Matrix Shielded	1 Amp	-30dB @ 50 MHz	>70 MHz	-.6dB @ 50 MHz
7013	4x8 Dual-Wire Matrix	2 Amps	-37dB @ 85 MHz	>60 MHz	-1dB @ 30 MHz
7014	1x16 or Dual 1x8 or Quad1x4=Single-Wire Shielded Multiplexer	1 Amp	-50dB @ 10 MHz	>150 MHz	-.4dB @ 100 MHz
7015	PIXIE-Flex Mixed Signal Shielded	1.5 Amps	-65dB @ 70 MHz	>70 MHz	>-1dB @ 70 MHz
7016	32 Channel TTL I/O				
7017	32 Relay Drivers	Available as 5 Volt or 12 Volt 32 Relay Driver.			
7018	Thirty-Two SPST 1 Amp General Purpose	1 Amp	220VAC		
7019	Sixteen SPDT 5 Amp	5 Amps	277VAC	1,250 VA	
7020	Sixteen SPDT 1 Amp	1 Amp	150VAC	30 VA	
7021	2x16 Dual-Wire Matrix Shielded	1.5 Amps	-40dB @ 50 MHz	>90 MHz	>-1dB @ 30 MHz
7022	4x16 Single Wire Matrix Shielded	1.5 Amps	-50dB @ 50 MHz	>70 MHz	-.55dB @ 50 MHz
7023	32 SPST 1.5 Amp Relays Shielded	1.5 Amps	200 VAC		
7024	4x8 Dual-Wire Matrix	1.5 Amps	-40dB @ 50 MHz	>90 MHz	>-1dB @ 30 MHz

NEW	Microwave Switches	Current Rating	Crosstalk	3dB Bandwidth	Insertion Loss	VSWR
7201	1x4 Coax RF Switch	20 W	-50dB @ 6 GHz	>8 GHz @ 1.2 dB	-1dB @ 8 GHz	1.5:1 @ 6 GHz
7202	1x4 Coax Switch Terminated	20 W	-50 dB @ 6 GHz	>8 GHz	-1dB @ 8 GHz	1.5:1 @ 6 GHz
7203	Dual SPDT 18 GHz	15 W	-60 dB @ 18 GHz	18 GHz @ 0.5 dB	-0.5 dB @ 18 GHz	1.5:1 @ 18 GHz
7204	RF Transfer Switch	20 W	-60 dB @ 2.5 GHz	>4 GHz	-0.5 dB @ 2.5 GHz	1.2:1 @ 2.5 GHz

Quiet Ideas. Powerful Solutions.
ASCOR, founded in 1987 and headquartered in California's Silicon Valley, provides a complete line of VXI and PXI Switching and Digital Modules for industrial, medical, scientific and governmental automatic test applications. ASCOR VXI and PXI products are the quietest, cleanest, highest density modules commercially available.

Environmental Specifications

- Temperature
  - -Operating 0°C to 55°C
  - -Storage -40° to 75°C
- Relative Humidity
  - -Operating 10 to 90% Non-condensing
  - -Storage 0 to 95% Non-condensing

CE The CE Mark indicates that the product(s) have completed and passed rigorous testing in the area of RF Emissions, Immunity to Electromagnetic Disturbances and that the product(s) comply with the European electrical safety standards.

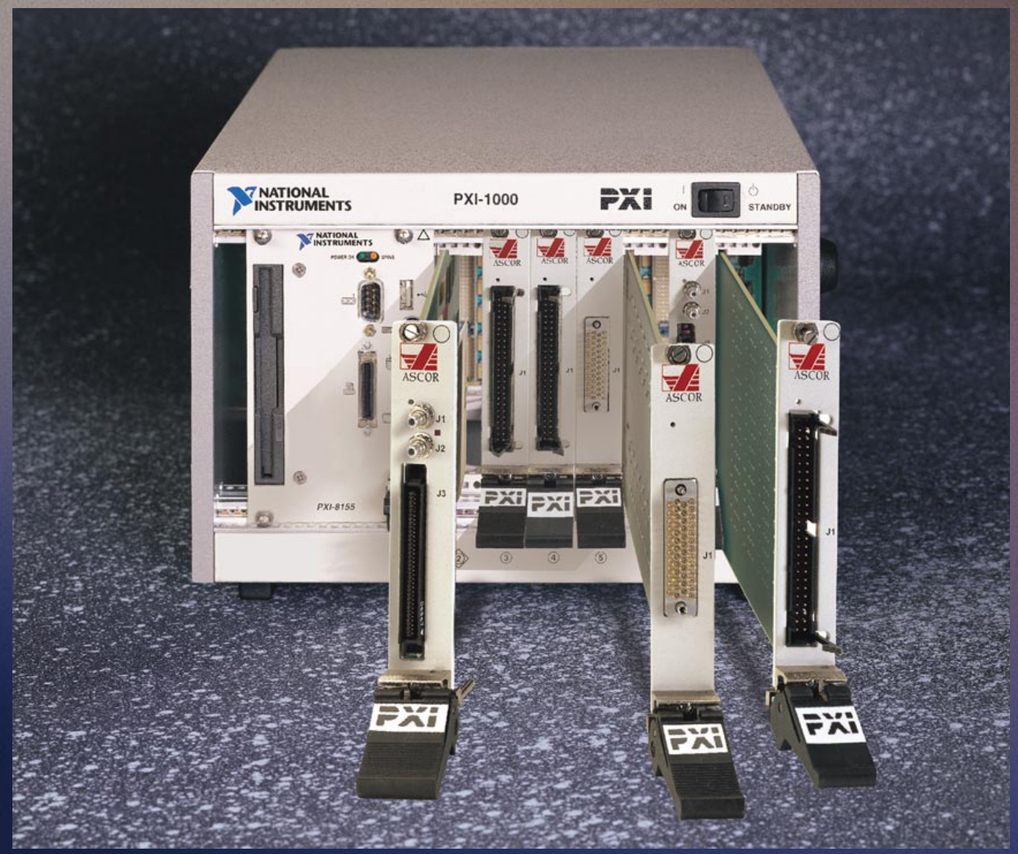
ASCOR INCORPORATED
A Giga-tronics Company

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Telephone: (510)490-2300, Fax: (510)490-8493, Website: www.ascor-inc.com

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SERIES 7000 PIXIE™

INSTRUMENTATION MODULES

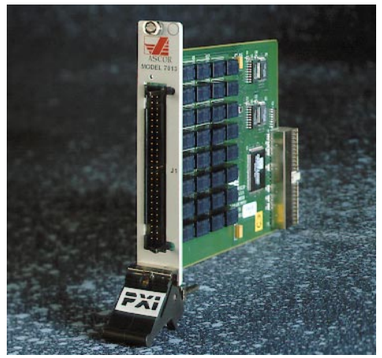


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PXI INSTRUMENTATION MODULES

SERIES 7000
PIXIE™

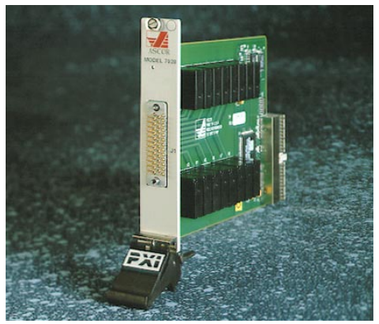


Series 7000™ PIXIE switches represent ASCOR's newest entry into the PC controlled Automated Test Equipment (ATE) marketplace. The Series 7000 product line offers the same high quality, low noise designs for both the PXI™ user and the CompactPCI™ user that have made ASCOR switch products the industry benchmark in VXI.

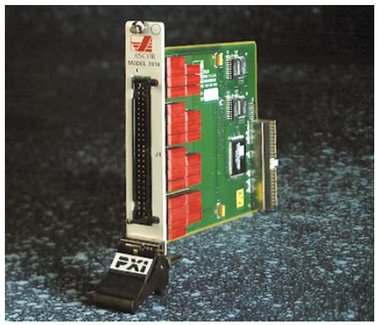
Unless otherwise specified, the Series 7000 PIXIE switches incorporate **coaxially shielded** relays in all of the different matrices and multiplexer configurations. Additionally, every Series 7000 card design includes separate analog and digital ground planes.



Series 7000 PIXIE switches represents ASCOR's newest entry into the PC controlled Automated Test Equipment (ATE) marketplace.



While you may think that a "switch is just a switch," remember that when you incorporate a switch into your ATE or data collection environment, the switch becomes the "gate" for all measurements after it. You cannot measure any signal greater than that signal that gets through the switch. Ideally, the best switch is no switch. And we view all of our switch designs with an eye to provide a switch path that is so quiet that the device measuring the signal passing through the switch thinks that there is no switch there at all.



We have been doing this type of switch designing for a long time. Our VXI product line offers the most extensive line of switch products in the industry. For our PXI and CompactPCI users, ASCOR offers the same extensive capabilities limited only by the physical space available on the PXI card, which is approximately 25% of a VXI card.

Oftentimes, when it comes to switching, customers say that bandwidth is not important. Then, when we ask about noise in the system (electronic noise), the answer is always that they do not want any noise. Well, when you take the noise out of the switching, you enhance the bandwidth that passes through the switch and vice versa. If you get high bandwidth you see little noise. If you are going to spend the money to put together a test station, why should you accept anything less than the best that you can afford? ASCOR's Series 7000 PIXIE products are competitively priced to fit your demanding budget as well as your demanding performance requirements.

Contact ASCOR today for more details regarding our Series 7000 PIXIE product line. We are always expanding the product offerings and we will be pleased to consider expanding it for you.

Call Us Today At:
510.490.2300
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Series 7000™ PIXIE is a Trademark of ASCOR, Inc.
PXI™ is a Trademark of National Instruments Corp.
CompactPCI™ is a Trademark of the PCI Industrial Computers Manufacturers Group.

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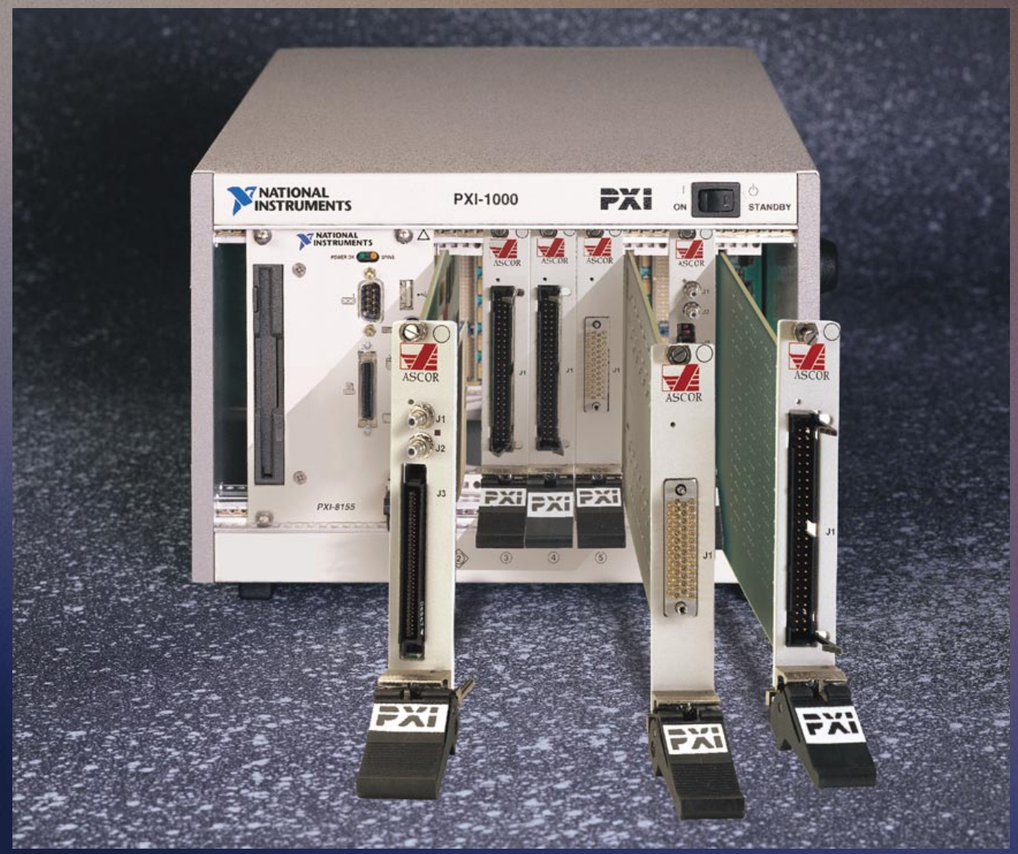
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INSTRUMENTATION MODULES



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