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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.

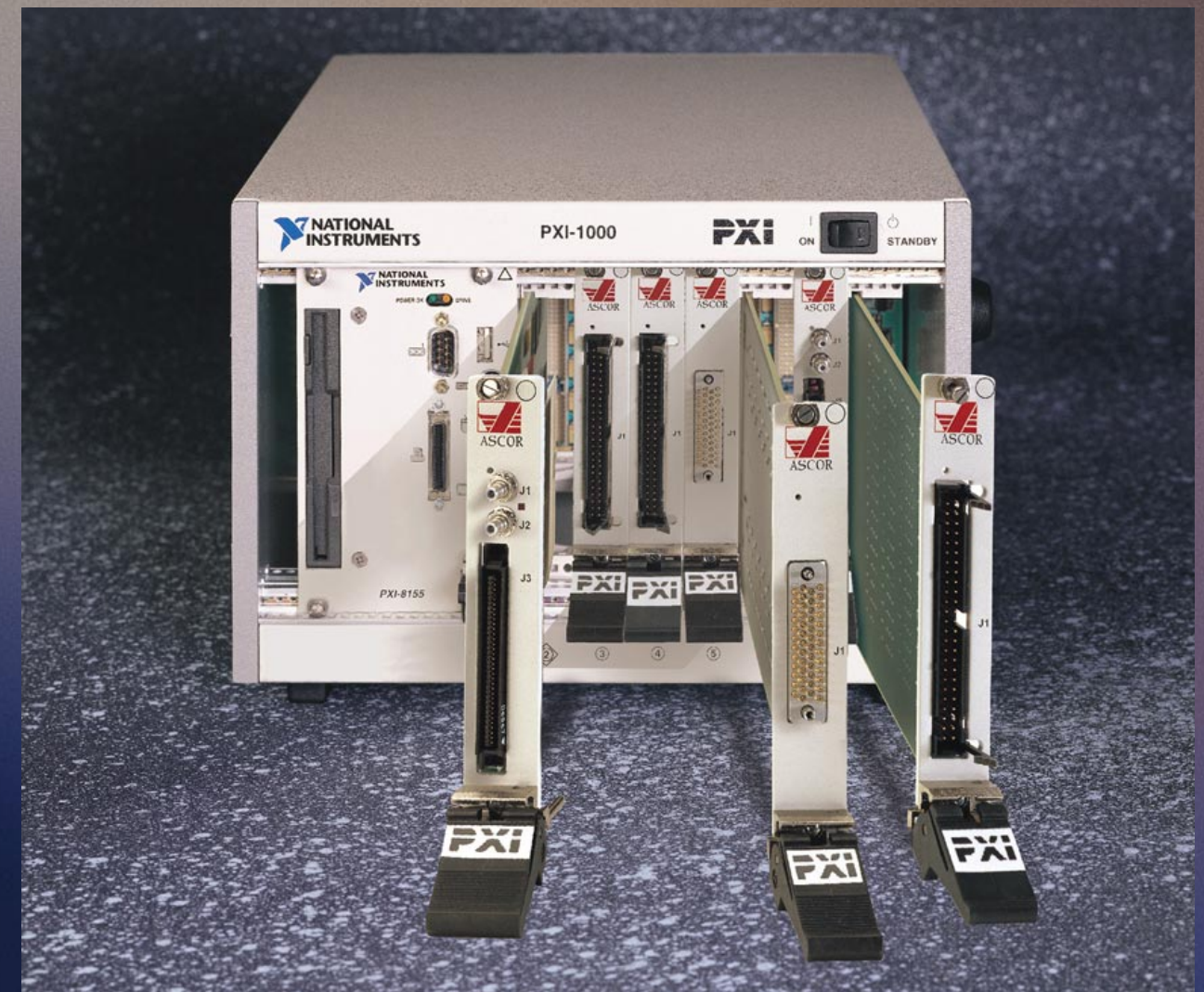


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 Telephone: (510)490-2300, Fax: (510)490-8493, Website: www.ascor-inc.com

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INSTRUMENTATION MODULES



PXI

INSTRUMENTATION MODULES

P SERIES 7000 **PIXIE** TM



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.



While you may think that a "switch is just a switch," remember that when you incorporate a switch into your



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

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
www.ascor-inc.com



A Giga-tronics Company

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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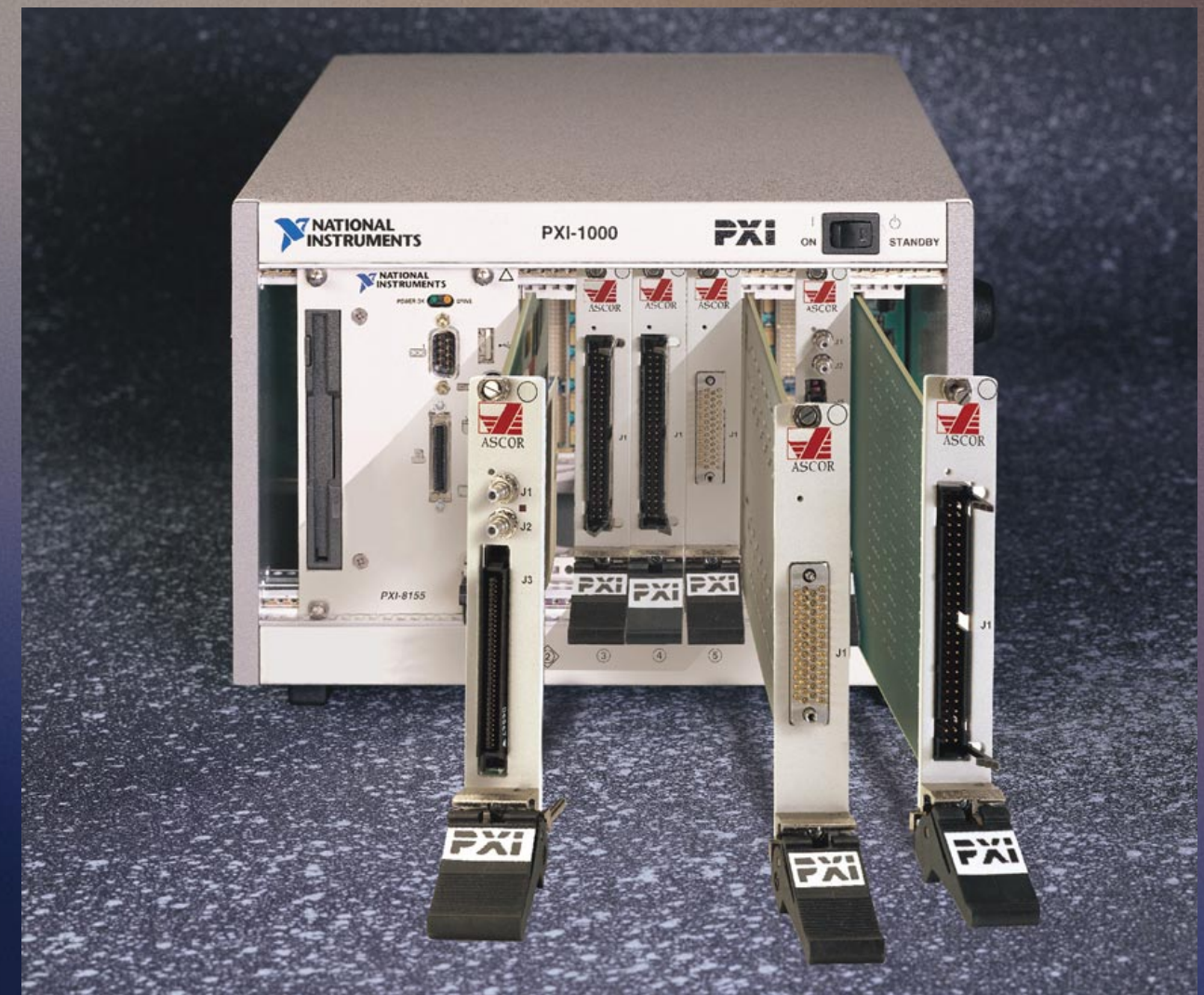


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