



AMETEK PROGRAMMABLE POWER

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AMETEK Programmable Power Announces Introduction of SMX Product Family

SMX products offer the largest collection of PXIe switch products on the market

Learn More at <http://info.powerandtest.com/smx>

SAN DIEGO, CA (September 1, 2020) – AMETEK Programmable Power (www.powerandtest.com), is the global leader in programmable AC and DC power test solutions and offers the most robust collection of PXIe Switch Cards available through VTI Instruments. As the demand from customers has continued to increase around PXIe, VTI Instruments continues to work diligently to build a complete product line to support the demands of its global customer base.



Just a few of the markets which have and continue to expand on their reliance of SMX products include businesses operating within Military/Defense, Aviation, Commercial, Medical and Communications. Applications range from ATE and Functional Test, Avionics Stimulus Testing, Component Testing and more.

“The SMX Family of products is an extremely important class of products for the VTI Instruments business”, said Sangram Gaikwad, VP of Technology & Strategy at VTI Instruments. “Switching is absolutely at the heart of the automated testing systems which our customers deploy, and we’re very proud to play an integral role in helping them develop world class solutions to meet their business demands.”

Specifications General Purpose					
Models	Switched V/A		Switched Power		Typical Bandwidth (-3dB)
SMX-2xxx Discrete Power Switches	250 VAC/120 VDC	16 A	480 W	4000 VA	30 MHz
SMX-3xxx Multiplexers	300 VAC / 300 VDC	2 A	60 W	62.5 VA	100 MHz
SMX-4xxx Matrices	300 VAC / 300 VDC	2 A	60 W	62.5 VA	82 MHz
SMX-5xxx Discrete Switches	300 VAC / 300 VDC	2 A	60 W	62.5 VA	64 MHz
SMX-6xxx RF Multiplexers	250VAC / 220VDC	2 A	50 W	62.5 VA	3 GHz
Specifications Microwave					
Models	VSWR (26.5 GHz)		Isolation		Bandwidth
SMX-7xxx Microwave Switches	1.60:1		-55 dB		DC-40 GHz



COMPANY OVERVIEW

Located in San Diego, CA, AMETEK Programmable Power designs, manufactures and markets precision, AC and DC programmable power supplies, electronic loads, application specific power subsystems, and compliance test solutions for customers requiring & valuing differentiated power products and services. A key component of the AMETEK Programmable Power business is VTI Instruments. VTI delivers precision modular instrumentation and systems for electronic signal distribution, acquisition, and monitoring, used in the world's most demanding test applications.

VTI Instruments products and systems are used to monitor and record data that characterizes the physical integrity and performance of aircraft, engines, and other large structures, as well as automate the functional testing of complex electronic systems. The VTI Instruments brand is recognized as an industry leader with a reputation of providing reliable data, first time, every time. A sustained focus on innovation and technology enables customers to optimize their capital investment through product longevity, while ensuring unmatched measurement integrity and data reliability.

