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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

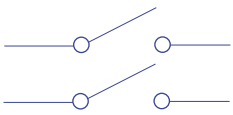
Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
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- ITAR-certified secure asset solutions

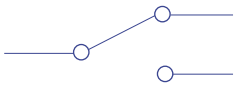
Expert team | Trust guarantee | 100% satisfaction

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Find the *Ametek / VTI Instruments / VXI Technology SMP2009* at our website: *Click HERE*



SMP2008 - 1 of 16 DPST



SMP2009 - 1 of 16 SPDT

High Voltage Switch Modules

Overview

The SMP2008 and SMP2009 have been designed for applications requiring high-voltage signal switching. These modules have also been designed with controlled 75 Ω shielded signal paths. This approach improves signal shielding, while making these modules ideal for switching CATV and other communication signals.

Up to 96 500 V DPST or SPDT relays can be accommodated in two VXIbus card slots for maximum density, or mixed and matched with other SMIP*II*™ cards for flexibility.

All relays are driven from the VXIbus +5 V supply line since VXIbus mainframes always have ample current capability on this supply line, as opposed to the +24 V or +12 V supply lines. Since these modules typically switch high voltage to the UUT or interface, a fail-safe interrupt input line is provided on the front panel that can open all relays automatically if a fault condition occurs. This approach instantly removes all power to the UUT or interface.

Features

SMP2008 16 DPST 500 V Relays
SMP2009 16 SPDT 500 V Relays

- Large Switching Capacity in a Small Footprint
- High Breakdown Voltage (2,000 V rms between open contacts)
- Shielded Coaxial Signal Paths Improve Signal Integrity
- 75 Ω Impedance for Communications Applications
- Fail-safe Interrupt Input on Front Panels for Emergency Safety Conditions

Specifications

Maximum Switching Voltage:	500 V dc
Maximum Switching Current:	1 A
Maximum Carry Current:	2 A
Maximum Switching Power:	25 W (Resistive Load)
Path Resistance:	<1 Ω
Bandwidth (-3 dB):	>35 MHz (75 Ω)
Rated Switch Operations:	
Mechanical:	100×10^6
Electrical:	1×10^6 at full load
Switching Time:	<1 ms

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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