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Find the *Ametek / VTI Instruments / VXI Technology SM7001A-S-11106* at our website: ***Click HERE***

SM7001A



4 SP6T Self-terminated 18 GHz Relays

Overview

The SM7001A is part of the SMIP//™ family, offering the extensive control and interfacing features provided by SMIP//™. Microwave relay technology has been pioneered to offer density, modularity and cost benefits.

The SM7001A base unit can house up to four 18 GHz self-terminated multi-position microwave relays. In order to drive additional RF/Microwave components, such as attenuators or splitters, 32 SPST relays are also provided per SM7001A.

The SM7001A can be easily modified to house alternative microwave building blocks (i.e., terminated SPDT relays or 1 x4s). and controlled using the same instrument drivers and control logic found throughout the SMIP//™ family. Since the combination of relays is vast, not all configurations have been listed.

The 7374 relays are "pluggable" from the front, allowing them to be easily replaced for maintainability. They may be purchased separately for configuration growth during integration.

Features

- The First Modular VXI Microwave Switch on the Market
- Up to 4 Self-terminated 1x6 18 GHz Relays per SM7001A
- Microwave Building Blocks are "Pluggable" from the Front of the VXIbus Card
- An Additional 32 SPST Relays are Provided to Drive External Devices

Specifications

7374 18 GHz Self-Terminated 1 x 6

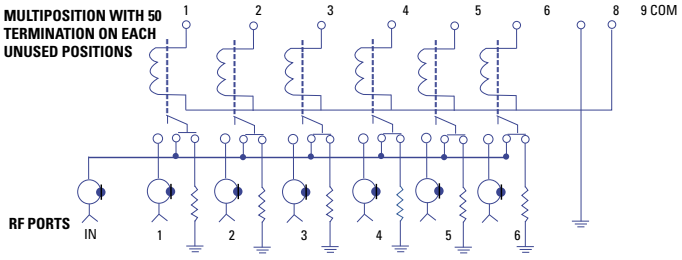
Maximum Power per Channel: 5 W @ 18 GHz

Switching Time: <15 ms

RF Impedance: 50 Ω

Connectors: SMA

Frequency (GHz)	dc-3	3-8	8-12.4	12.4-18
Isolation (dB min)	80	70	60	60
Insertion Loss (dB max)	0.2	0.3	0.4	0.5
VSWR min	1.2:	1.3:1	1.4:	1.5:1



Ordering Information

SM7001A	Double-slot Base unit
7374	SP6T 18 GHz self-terminated relay

SM7001A

Switching

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