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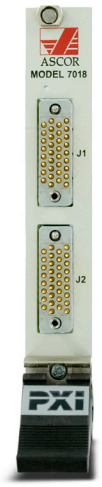
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# Model 7018

# 32 SPST SWITCH MODULE




## Product Description

The 7018 provides 32 SPST Switches in a small space. This module provides the highest density general purpose switch, ideal for switching UUT Power as well as other current carrying signals. The 7018 has been designed with several exceptional features that make it stand out from competitive products.

- **3U Form Factor** – The 3U PXI format is the most popular PXI size, and is compatible with all brands of PXI approved products.

- **Positronic Connectors** – Selected for high bandwidth and robust performance.

## Capabilities

- **32 SPST**
- **Bandwidth = 153MHz**
- **Voltage Max = 220VDC, 250VAC**
- **Current Max = 2A (switched)**

## Recommended Uses

- **General Purpose switching** – the ease of expansion using this module makes it ideal for all Low Frequency switching applications.



**www.gigatronics.com | inquiries@gigatronics.com**
**800.726.4442 (USA) | +1 925.328.4650 (International)**

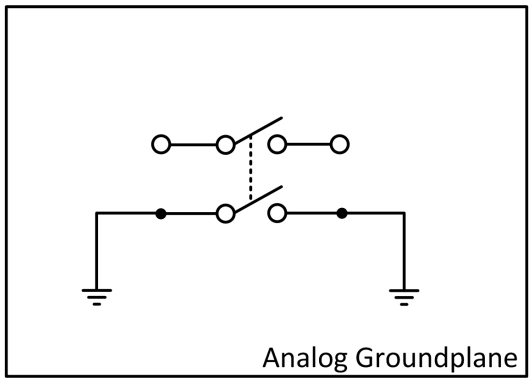
Giga-tronics ASCOR

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# Model 7018

# 32 SPST SWITCH MODULE




Typical Channel (1 of 32). Second Pole
of DPST grounded for improved Bandwidth

- All ASCOR cards have built-in circuitry to verify both the control signal from the programming register, as well as verifying the relay coil is intact.
- All Switching modules feature built-in memory to maintain the service record of the unit with time stamping.
- All Modules carry a full 3 year Warranty

## Specifications

### Electrical

- **Voltage Max =220VDC, 250VAC**
- **Current Max = 2A (switched)**
- **Max Power = 60W or 62.5VA**
- **Bandwidth = 153MHz**
- **Crosstalk = -22dB @ 100MHz**
- **Life Expectancy = 500K cycles**
- **Contact Resistance < 60mΩ**
- **1 & J2 Connectors**
  - **Positronic SMPL34M0TOLB**

### Environmental

**Temperature**

- Operating 0° to 50°C
- Storage -40° to 75°C

**Humidity (non-condensing)**

- Operating 10 to 90%
- Storage 0 to 95%

### Mechanical

- 3U PXI
- Weight 0.5 lbs

## Ordering Information

| Model # | Description | Manufacturer # |
|---|---|---|
| 7018 | 32 SPST, 2A, 153MHz | 91000150 |
| | Set of Mating connectors for one Module | 89800570 |
| | Set of Pigtail Cables for one Module, 6ft length | 89800570-006 |

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