



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.

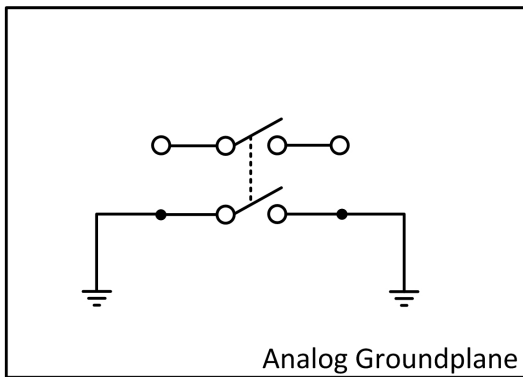
Capabilities

- 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.





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