

Product Description

The 7020 provides sixteen SPDT 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 7020 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.

■ **Dual Row Connectors** – Selected to allow the use of low cost Twisted Pair Ribbon cable and IDC connectors.

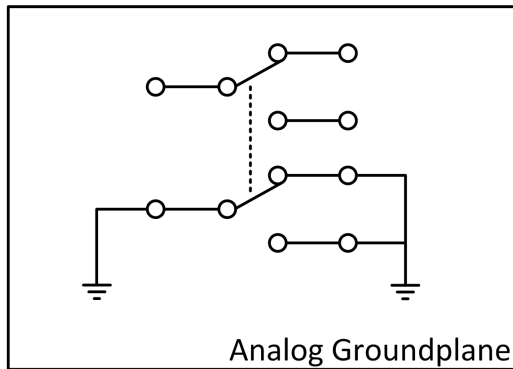
Capabilities

- 16 SPDT
- Bandwidth = 67MHz
- 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 16).
Second Pole of DPDT 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 = 67MHz
- Life Expectancy = 500K cycles
- Contact Resistance < 60mΩ
- Connector
 - AMP/Tyco 104129-9

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 #
7020	16 SPDT 2A, 67MHz	91000060
7020T	16 SPDT, 2A, 67MHz [-21 Degrees C]	91000061
	Set of Mating connectors for one Module	89800700