

SPDT Switches

Series 029

SPDT / DC-1 GHz BNC, TNC, N

RF PERFORMANCE

Frequency Range (GHz)	DC-1
VSWR (Max)	1.35:1
Insertion Loss (Max dB)	0.3
Isolation (Min dB)	55

ADDITIONAL SPECIFICATIONS

RF Impedance	50 ohms nominal
Actuating Voltage*	24 Vdc
Actuating Current*	70mA (max)
Switching Time.	6 ms (max)
Switching Sequence.	Break Before Make
Operating Ambient Temperature	-40°C to +60°C
Operating Life	Cold Switching 1 Million Cycles Per Position
	Hot Switching 300,000 Cycles Per Position
Power Handling	Cold Switching 50W @ 1 GHz
	Hot Switching 10W @ 1 GHz



Standard SEM models from this series are available from stock. See page 179 for a complete listing of stock switches.

OPTIONS AVAILABLE

GROUP 2 ACTUATION

- A - FAILSAFE
- B - LATCHING

GROUP 3 OPTIONS

- 0 - NONE
- 2 - INDICATOR CIRCUITRY
- 3 - SUPPRESSION DIODES
- 4 - TTL LOGIC HIGH
- 9 - OTHER (SPECIFY)
- V - MOSFET DRIVER

GROUP 4 RF CONNECTORS

- B - BNC
- D - N
- E - TNC
- G - OTHER (SPECIFY)

GROUP 5 TERMINALS

- 1 - SOLDER (STANDARD)
- 5 - OTHER (SPECIFY)

GROUP 6 VOLTAGE

- B - 12 VDC
- C - 24 VDC
- D - 28 VDC
- G - OTHER (SPECIFY)
- H - 15 VDC

GROUP 7 FREQUENCY

- 0 - DC - 1 GHz
- 7 - OTHER (SPECIFY)

GROUP 8 POLARITY

- A - COMMON PLUS
- B - COMMON MINUS
- C - NOT RELEVANT TO APPLICATION OR SWITCHES WITH LOGIC

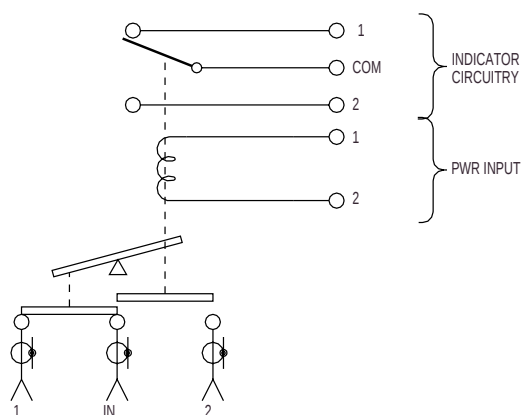
GROUP 9 MOUNTING

- 0 - STANDARD MOUNTING HOLES
- 3 - OTHER (SPECIFY)

* Specifications for 28 Vdc, Failsafe configurations

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TYPICAL SCHEMATICS



SCHEMATIC SHOWN IN FAILSAFE POSITION

TYPICAL OUTLINE DRAWINGS

