

50 Years of Excellence

Series 025

SPDT / DC-26.5 GHz / SMA

RF Performance

Frequency Range (GHz)	DC-3	3-8	8-12.4	12.4-18	18-26.5
VSWR (Max)	1.2:1	1.3:1	1.4:1	1.5:1	1.7:1
Insertion Loss (Max dB)	0.2	0.3	0.4	0.5	0.7
Isolation (Min dB)	80	70	60	60	50



Additional Specifications

RF Impedance	50 ohms nominal
Actuating Voltage*	28 Vdc
Actuating Current* (Failsafe)	160 mA (max)
(Latching)	200 mA (max)
Switching Time.	15 ms (max)
Switching Sequence.	Break Before Make
Operating Mode*	Failsafe & Latching
Operating Ambient Temperature	-35°C to +70°C
Operating Life	2 Million Cycles per Position
Designed to Meet MIL-S-3928	

Standard SEM models from this series are available from stock. See page 235 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
7- SELF
DE-ENERGIZING
CIRCUITRY
9 - OTHER
(SPECIFY)

GROUP 4 RF CONNECTORS

- A - SMA
G - OTHER
(SPECIFY)

GROUP 5 TERMINALS

- 1 - SOLDER (STANDARD)
- 3 - POWER CONNECTOR, FAST DISCONNECT (SUB MIN "D")
- 4 - SOLDER LOOP
- 5 - OTHER (SPECIFY)

**GROUP 6
VOLTAGE**

- B - 12 VDC
C - 24 VDC
D - 28 VDC
E - 48 VDC
G - OTHER
(SPECIFY)
H - 15 VDC
I - 18 VDC

GROUP 7 FREQUENCY

- 0- DC - 1 GHz
1- DC - 3 GHz
2- DC - 8 GHz
3- DC - 12.4 GHz
4- DC - 18 GHz
6- DC - 26.5 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)

Switch Height (A) For Selected Options

DIM A ±.03	GROUP 5 TERMINAL
1.5	1
2.1**	3

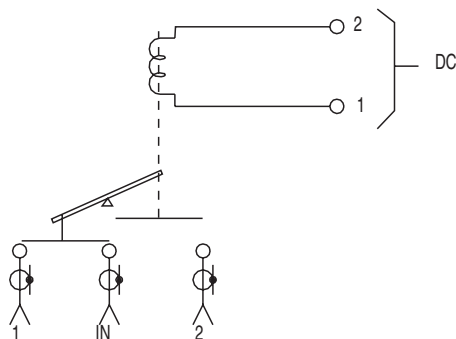
* Specifications for 28 Vdc, 25°C

** Dimension for switches with Standard Narda Power Connector M24308/3-1 mating with M24308/1-1

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SPDT Switches

Typical Schematic



SCHEMATIC SHOWN IN FAILSAFE POSITION

Typical Outline Drawing

