

MC6-N/SC

1P6T, N/SC, DC-12.4GHz

MC6n: n=3-6 (e.g., n=6 for 1P6T)

The **MC6-N** Series features N- or SC-type connectors and an operation frequency range from DC to 12.4 GHz. This series is available with failsafe with or without TTL, latching with TTL and self-cutoff, and coil suppression options.

Specifications

Contact Material	Plated Au
Switching Sequence	Break before Make
Switching Time (max)	15msec
Impedance	50Ω
Temperature Range	-25° C to +65° C (Standard) -55° C to +85° C ("e" option)
Relative Humidity	5 to 85%
Operation Life (cycles)	1,000,000
Vibration Operating	10G RMS, 20-2000Hz
Mechanical Shock (non-operating)	50G, 1/2 Sine, 11msec

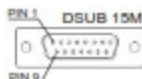
Voltage (VDC)	12	18	24	28	
Current (mA)	Failsafe	129	93	52	52

Other options are available upon request.



Photo shown as an MC63-, 1P3T SWITCH

Frequency Range (GHz)	VSWR (max)	Insertion Loss (dB) (max)	Isolation (dB) (min)
DC-6	1.3	0.3	70
6-12.4	1.4	0.4	60

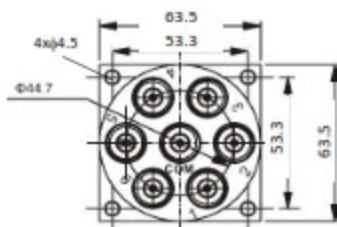
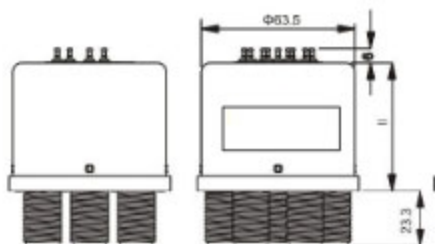


MC63-, 1P3T SWITCH
MC64-, 1P4T SWITCH
MC65-, 1P5T SWITCH
MC66-, 1P6T SWITCH

FAILSAFE 15-PIN D-SUB PINOUT	
Pin No.	PINOUT
n=1-6	Vn (Jn-COM)
7	COM(-)
8-15	UNUSED

FAILSAFE TTL 15-PIN D-SUB PINOUT	
Pin No.	PINOUT
n=1-6	An (Jn-COM)
7	COM(-)
8-14	UNUSED
15	+VDC

Pin 1-6: The corresponding control signal inputs.



H = 65 mm (max)

H = 75 mm (max) for options

with TTL and/or self cutoff

Mechanical drawings (N-type). (unit: mm)

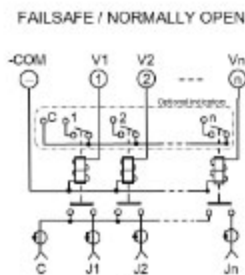


Fig. 1

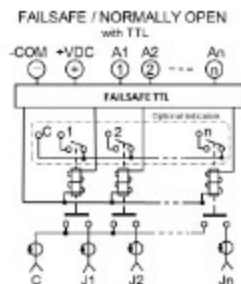


Fig. 2