



Series 61000 Coaxial Transfer Switches

Type N, 7/16DIN, 1-5/8, 3-1/8, 4-1/16, 6-1/8

Micro Communications, Inc.

- Broadband
- TYPE N, 7/16DIN, 7/8EIA, 1-5/8EIA, 3-1/8EIA, 4-1/16, 6-1/8EIA Types Available
- Independent Interlock/Logic Circuits
- Compatible with Computer Control
- Compact, Light Weight



Model 61103, 4 Port 1-5/8EIA Shown

MCI Coaxial Transfer Switches are designed primarily for application in TV, AM, FM, UHF and other broadcast related areas. As four-port transfer switches, they will switch two signal sources between loads. Since they can also be used as SPDT switches, complex-switching matrices can easily be assembled.

A unique feature of these switches is the coplanar port configuration. In most installations, this permits neater, more compact layouts and requires fewer elbows. These switches are usually one-half to one-third the weight and occupy between one-half and one-sixth the volume of other commercially available switches.

Independent interlock/logic circuits are available for transmitter blanking, logic input, or position indication on all but the Type N model. These circuits are isolated from the switch control circuits and from ground. Internal interlocks are also included to remove the drive power at the end of the switching cycle to prevent inadvertent damage to the drive motor.

Action is accomplished by a standard high torque gear motor and is bi-directional to positive stops. In the event of loss of control power, these switches can be operated manually.

Since these switches can be controlled in groups or singly from remote locations, as well as integrated into computer controlled logic systems, they are ideally suited for use in unattended transmitter operations.

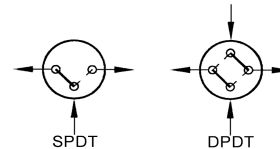
Optional Features:
 Unflanged Connectors
 Gas Pass, Pressure tight
 Additional Interlocks

Standard Features:
 Drive: Gear Motor (except N Type)
 RF Connectors:N(F), DIN(F),EIA(M)
 Wiring: Connector on all switches

Accessories:

Local /Remote Control

Panel(19" Rack Mount)



4 PORT MODEL:	61101N	61101DIN	61101	61103	61104	61102	61105
3 PORT MODEL:	61301N	61301DIN	61301	61303	61304	61302	61305
CONNECTOR:	Type N(F)	7/16 DIN(F)	7/8EIA Male	1-5/8EIA Male	3-1/8EIA Male	4-1/16 Male	6-1/8EIA Male
SWITCHING SPEED:							
TYPICAL (seconds)	> 0.1	> 0.1	2	2	2	2	2
MAX. (seconds)	> 0.1	> 0.1	3	3	3	3	3
FREQUENCY: MHz	DC-5GHz	DC-5GHz	DC-860	DC-860	DC-806	DC-806	DC-716
IMPEDANCE: Ohms	50	50	50	50	50	50	50
INSERTION LOSS: dB	0.10Max	0.10 Max	0.1	0.1	0.1	0.1	0.1
DRIVE POWER: Model A	12 VDC	12 VDC	120VAC-50/60Hz	120VAC-50/60Hz	120VAC-50/60Hz	120VAC-50/60Hz	120VAC-50/60Hz
CURRENT:	0.40A NOM. 0.15A RUN	0.40 START 0.15A RUN	1.0A START 0.5A RUN	1.0A START 0.5A RUN	1.0A START 0.5A RUN	1.0A START 0.5A RUN	1.0A START 0.5A RUN
DRIVE POWER: Model B	24 VDC	24 VDC	240VAC-50/60Hz	240VAC-50/60Hz	240VAC-50/60Hz	240VAC-50/60Hz	240VAC-50/60Hz
CURRENT:	0.34A NOM. 0.10 RUN	0.34A START 0.10 RUN	0.5A START 0.25A RUN	0.5A START 0.25A RUN	0.5A START 0.25A RUN	0.5A START 0.25A RUN	0.5A START 0.25A RUN
COMMAND CONTROL VOLTAGE	12/24 VDC	12/24 VDC	5, 12 or 24 VDC 120 or 240 VAC	5, 12 or 24 VDC 120 or 240 VAC	5, 12 or 24 VDC 120 or 240 VAC	5, 12 or 24 VDC 120 or 240 VAC	5, 12 or 24 VDC 120 or 240 VAC
4 PORT WEIGHT: lbs	2.7	2.7	12	15	37	60	100
(kg)	1.22	1.22	(6)	(7)	(17)	(27)	(46)
3 PORT WEIGHT: lbs	2.5	2.5	10	13	34	56	95
(kg)	1.13	1.13	(5)	(6)	(16)	(26)	(43)
SIZE: LxWxH in	4.2 x 4.2 x 4.5	4.2 x 4.2x 4.5	7x7x7	8x8x7	20x20x20	24x24x24	24x24x28
(cm)	(10.7x10.7x11.4)	(10.7 x10.7 x 11.4)	(18x18x18)	(20x20x20)	(51x51x51)	(61x61x61)	(61x61x71)



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