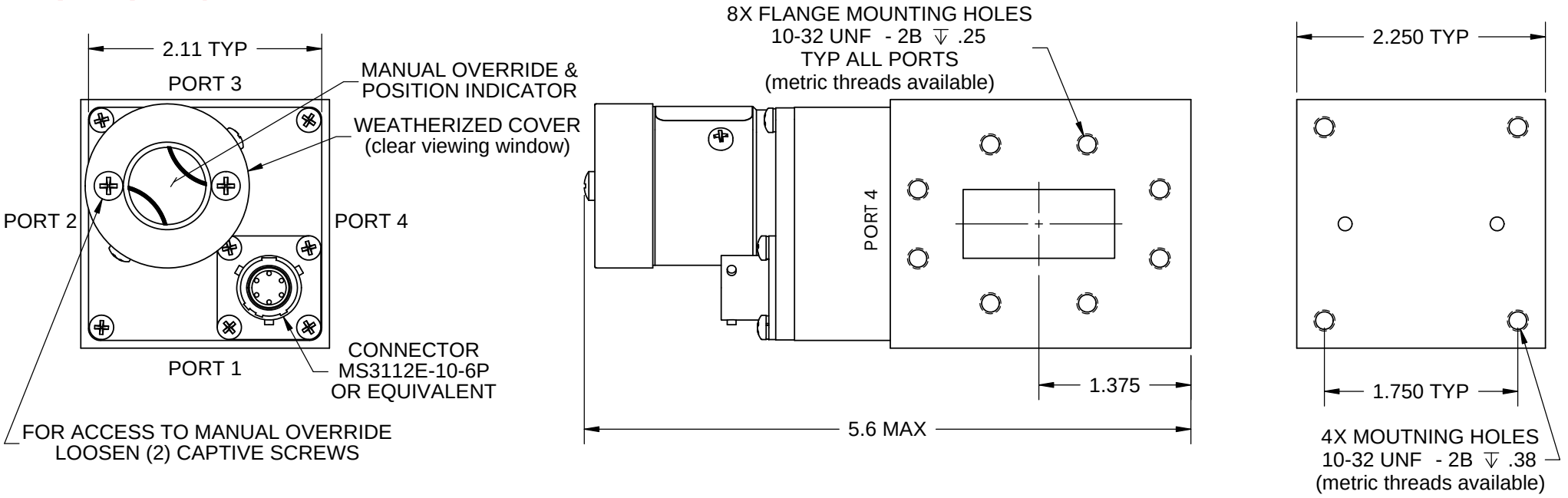
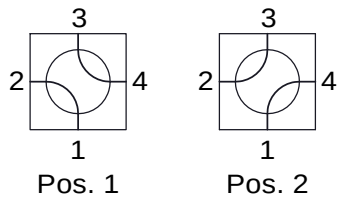
Waveguide Switch - MW Series - WR137

REV. A





R.F. PATHS

Frequency:	5.85 to 8.20 GHz
VSWR:	1.05:1 Max.
Insertion Loss:	0.02 dB Max.
Isolation:	70 dB Min.
Flange:	See Flange Table
Voltage:	See Voltage Table
Switching Time	100 mS Max.
Material:	Aluminum (RF Assy)
Finish:	Iridite per MIL-DTL-5541 Paint Dull Black Enamel
Pressure:	30 PSIG (RF Head Only)
Drive:	Patented Logus I Motor
Temp:	Operating: -40 ˚C to +85 ˚C Non-Operating: -55 ˚C to +100 ˚C
Humidity:	0 to 100%, Fully Weatherized

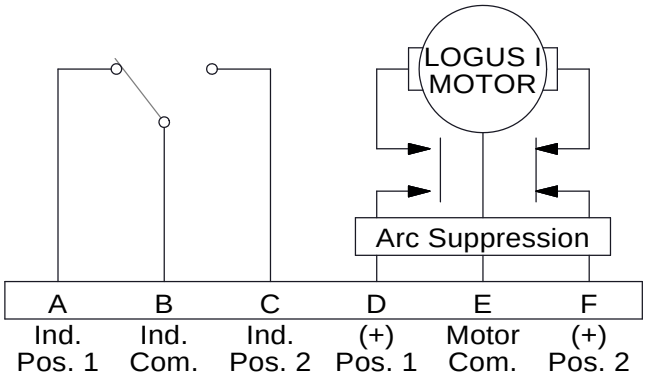
RoHS Available

ELECTRICAL CIRCUIT OPTIONS
NO INDICATORS
1 SET INDICATORS
2 SETS INDICATORS
3 SETS INDICATORS
4 SETS INDICATORS
INHIBIT CIRCUITS

DRIVE OPTIONS
LATCHING
PULSE LATCHING
FAILSAFE
TTL

VOLTAGE OPTIONS
12 VDC
15 VDC
24 VDC
28 VDC
48 VDC
115 VAC
230 VAC

FLANGE OPTIONS
CPR FLAT
CPR GROOVE
CMR

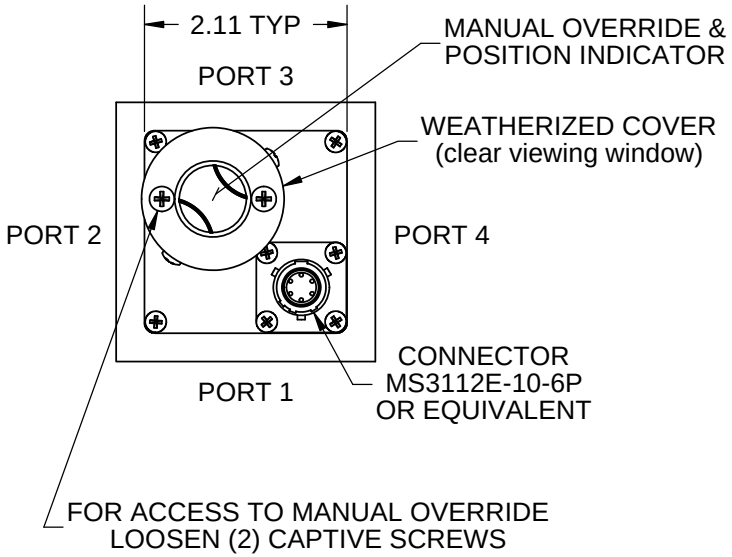


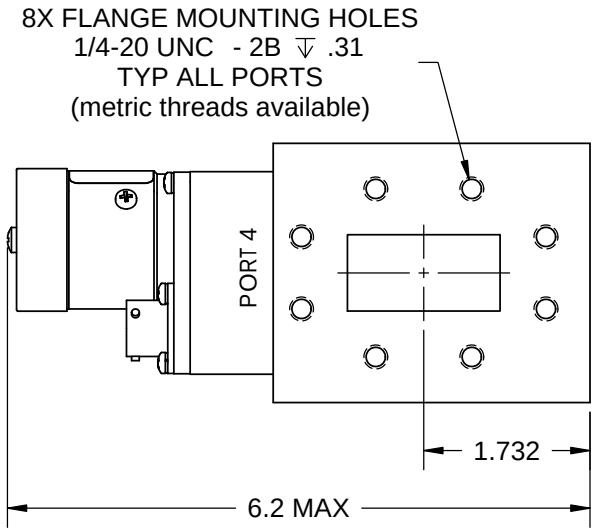
LATCHING, SHOWN IN POSITION 1

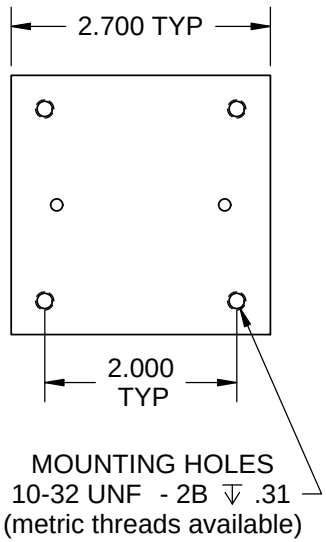
(See Schematic page for optional Electrical Circuits)

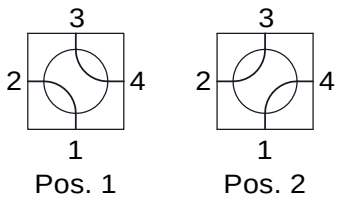
Waveguide Switch - MW Series - WR159 CPR

REV. C









Frequency:	4.9 to 7.05 GHz
VSWR:	1.10:1 Max.
Insertion Loss:	0.02 dB Max.
Isolation:	70 dB Min.
Flange:	See Flange Table
Voltage:	See Voltage Table
Switching Time	150 mS Max.
Material:	Aluminum (RF Assy)
Finish:	Iridite per MIL-DTL-5541 Paint Dull Black Enamel
Pressure:	30 PSIG (RF Head Only)
Drive:	Patented Logus I Motor
Temp:	Operating: -40˚C to +85˚C Non-Operating: -55˚C to +100˚C
Humidity:	0 to 100%, Fully Weatherized

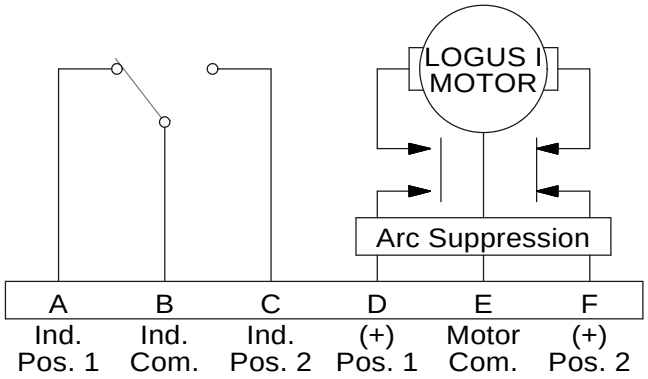
RoHS Available

ELECTRICAL CIRCUIT OPTIONS
NO INDICATORS
1 SET INDICATORS
2 SETS INDICATORS
3 SETS INDICATORS
4 SETS INDICATORS
INHIBIT CIRCUITS

DRIVE OPTIONS
LATCHING
PULSE LATCHING
FAILSAFE
TTL

VOLTAGE OPTIONS
12 VDC
15 VDC
24 VDC
28 VDC
48 VDC
115 VAC
230 VAC

FLANGE OPTIONS
CPR-FLAT
CPR-GROOVE

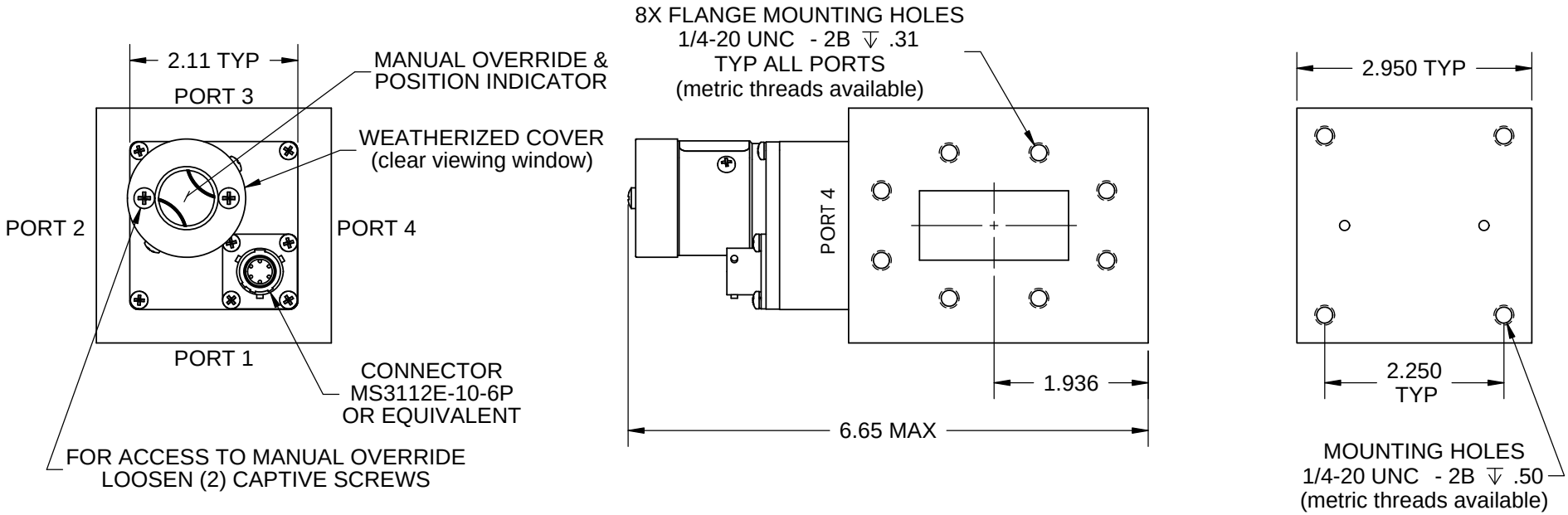


LATCHING, SHOWN IN POSITION 1

(See Schematic page for optional Electrical Circuits)

Waveguide Switch - MW Series - WR187 CPR

REV. C



Frequency:	3.95 to 5.85 GHz
VSWR:	1.05:1 Max.
Insertion Loss:	0.02 dB Max.
Isolation:	80 dB Min.
Flange:	See Flange Table
Voltage:	See Voltage Table
Switching Time	150 mS Max.
Material:	Aluminum (RF Assy)
Finish:	Iridite per MIL-DTL-5541 Paint Dull Black Enamel
Pressure:	30 PSIG (RF Head Only)
Drive:	Patented Logus I Motor
Temp:	Operating: -40˚C to +85˚C Non-Operating: -55˚C to +100˚C
Humidity:	0 to 100%, Fully Weatherized

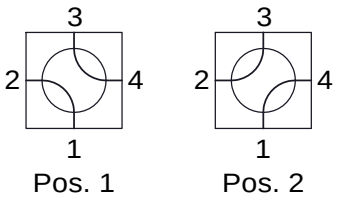
RoHS Available

ELECTRICAL CIRCUIT OPTIONS
NO INDICATORS
1 SET INDICATORS
2 SETS INDICATORS
3 SETS INDICATORS
4 SETS INDICATORS
INHIBIT CIRCUITS

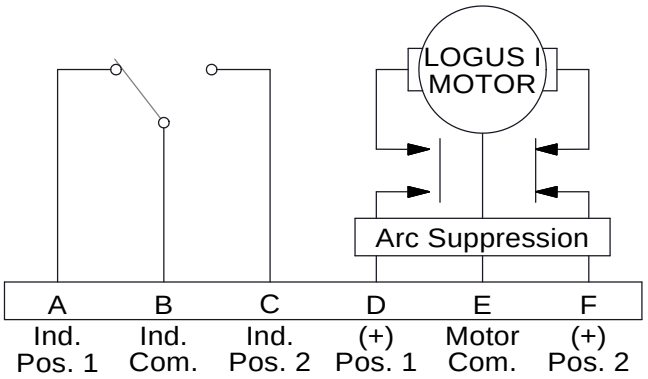
DRIVE OPTIONS
LATCHING
PULSE LATCHING
FAILSAFE
TTL

VOLTAGE OPTIONS
12 VDC
15 VDC
24 VDC
28 VDC
48 VDC
115 VAC
230 VAC

FLANGE OPTIONS
CPR-FLAT
CPR-GROOVE



R.F. PATHS

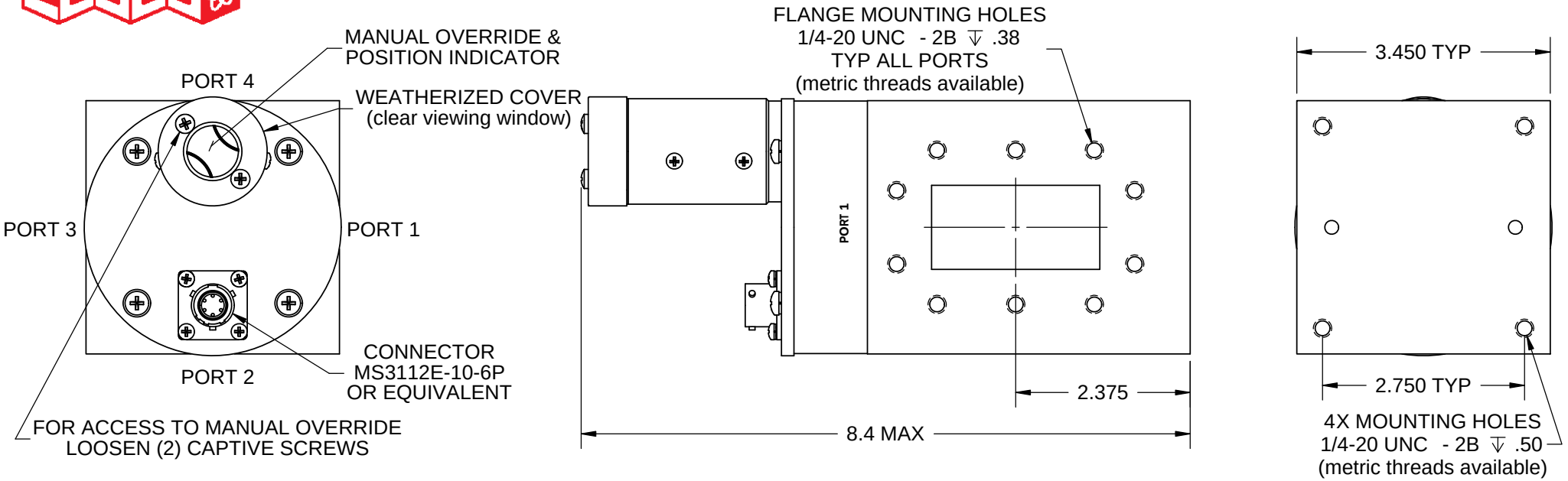


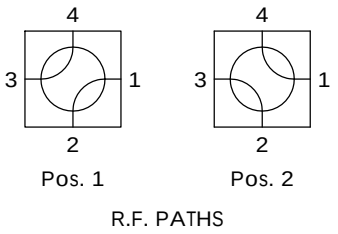
LATCHING, SHOWN IN POSITION 1

(See Schematic page for optional Electrical Circuits)

Waveguide Switch - MW Series - WR229

REV. A





Frequency:	3.3 to 4.9 GHz
VSWR:	1.05:1 Max.
Insertion Loss:	0.02 dB Max.
Isolation:	80 dB Min.
Flange:	See Flange Table
Voltage:	See Voltage Table
Switching Time	200 mS Max.
Material:	Aluminum (RF Assy)
Finish:	Iridite per MIL-DTL-5541 Paint Dull Black Enamel
Pressure:	30 PSIG (RF Head Only)
Drive:	Patented Logus I Motor
Temp:	Operating: -40 ℃ to +85 ℃ Non-Operating: -55 ℃ to +100 ℃
Humidity:	0 to 100%, Fully Weatherized

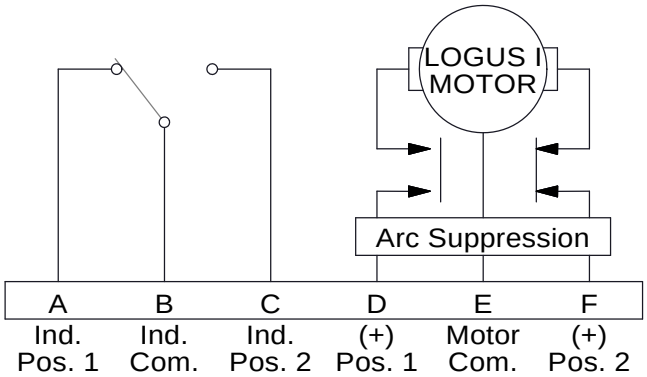
RoHS Available

ELECTRICAL CIRCUIT OPTIONS
NO INDICATORS
1 SET INDICATORS
2 SETS INDICATORS
3 SETS INDICATORS
4 SETS INDICATORS
INHIBIT CIRCUITS

DRIVE OPTIONS
LATCHING
PULSE LATCHING
FAILSAFE
TTL

VOLTAGE OPTIONS
12 VDC
15 VDC
24 VDC
28 VDC
48 VDC
115 VAC
230 VAC

FLANGE OPTIONS
CPR FLAT
CPR GROOVE
CMR



LATCHING, SHOWN IN POSITION 1

(See Schematic page for optional Electrical Circuits)