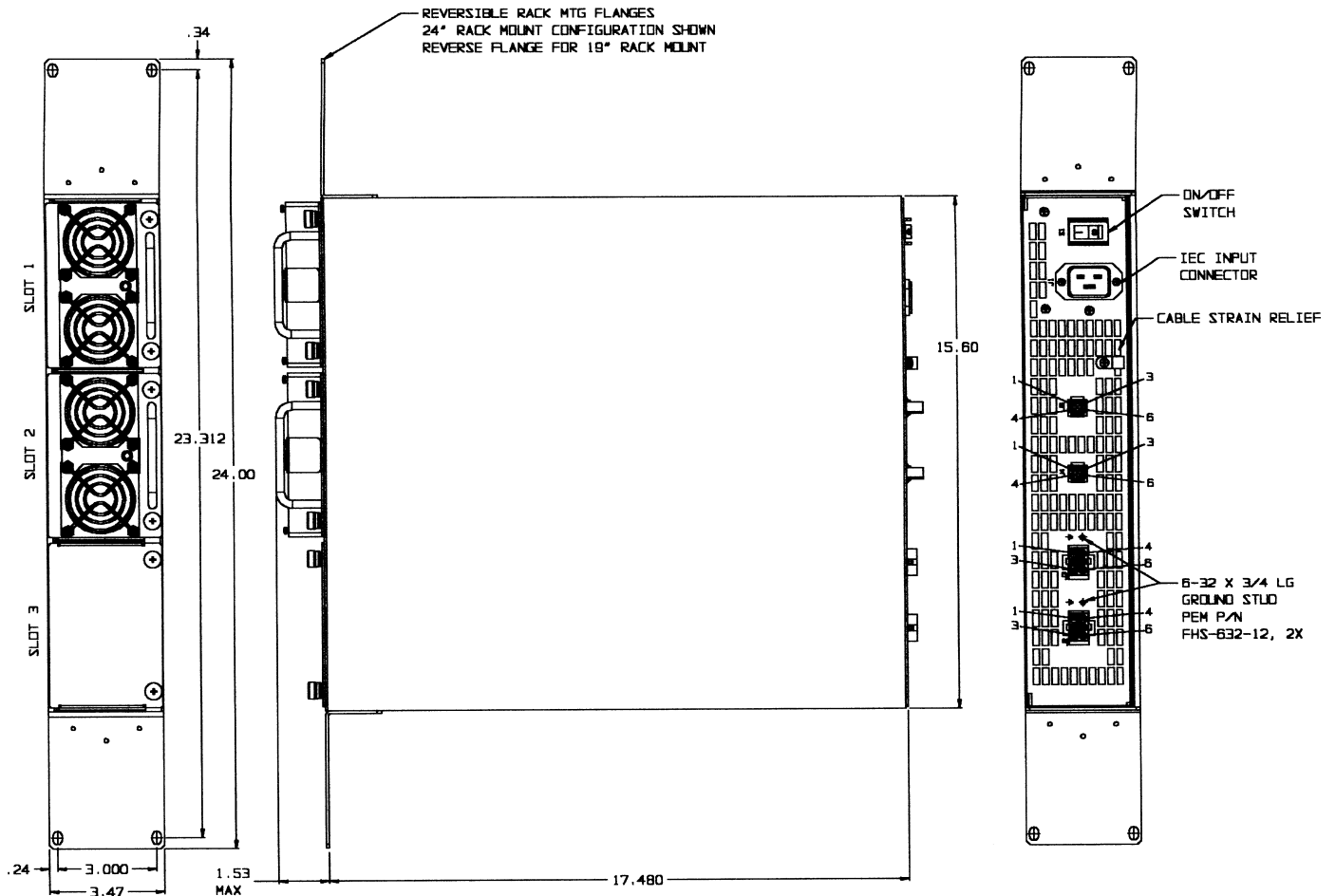


# CUSTOM HOT SWAP RACK RAY-1000-RK



**NOTES:**

1. HOT PLUGGABLE POWER SUPPLIES.
2. 24" RACK MOUNTABLE.
3. EACH MODULE GENERATES A PW\_OK SIGNAL, WHICH IS A NORMAL LOGIC "1" TTL SIGNAL THAT SWITCHES STATES WHENEVER:
  - A. THE +48V OUTPUT GOES 10% BELOW OUTPUT SPECIFICATION.
  - B. UPON LOSS OF AC, THE SIGNAL SWITCHES STATES AT LEAST 5 msec BEFORE THE +48V OUTPUT GOES OUT OF REGULATION.
- \* C. THE RETURN FOR THESE SIGNALS IS WITH RESPECT TO -48V.
4. GREEN LEADS INCLUDED IN EACH SUPPLY INDICATING "GOOD" POWER, DRIVEN OFF BY PW\_OK SIGNAL.
5. "D"RING DIODES INCLUDED IN EACH SUPPLY FOR N+1 REDUNDANCY.
6. SYSTEM IS UNIVERSAL INPUT (90-264VAC).
7. SLOT THREE IS OPTIONAL. BLANK ACCESS PANEL PROVIDED WHEN NOT USED.

**\*NOTE**

J1 ENERGIZES SLOTS 1, 2 AND 3

POWER SUPPLY OUTPUT VOLTAGES ARE LOCALLY SENSED ON INTERNAL BACKPLANE

TOTAL OUTPUT POWER USING SLOTS 1 THRU 3 NOT TO EXCEED 1200 WATTS

TOTAL OUTPUT POWER USING SLOTS 1 AND 2 NOT TO EXCEED 600 WATTS

J4-MOLEX P/N 03-06-1061 MATES WITH P/N 03-06-2061		J5-MOLEX P/N 03-06-1061 MATES WITH P/N 03-06-2061	
PIN #	SIGNAL	PIN #	SIGNAL
1	PW_OK_1	1	PW_OK_1
2	PW_OK_2	2	PW_OK_2
3	PW_OK_3	3	PW_OK_3
4	N/C	4	N/C
5	N/C	5	N/C
6	N/C	6	N/C
J2-AMP UNIVERSAL MATE N LOK P/N 350827-1 MATES WITH P/N 350715-1		J3-AMP UNIVERSAL MATE N LOK P/N 350827-1 MATES WITH P/N 350715-1	
PIN #	SIGNAL	PIN #	SIGNAL
1	-48V RTN	1	-48V RTN
2	-48V RTN	2	-48V RTN
3	-48V RTN	3	-48V RTN
4	-48V	4	-48V
5	-48V	5	-48V
6	-48V	6	-48V



3601 VETERANS HIGHWAY  
RONKONKOMA, NEW YORK 11779  
TEL (631) 981-7231 FAX (631) 981-7266

VISIT US ON THE WEB:  
<http://www.switchpwr.com>