

Figure 1. RMR Installation

NOTES

1. Connectors are keyed to assure units will be plugged into proper position. Keying can be changed in the field should the system configuration change.
2. See the PC data sheet for outline and installation of Plug-In Transmitters.
3. This enclosure is designed to mount in a standard 19-inch rack with E.I.A. hole pattern.
4. Five through fifteen-position surface mounting card racks for use in NEMA type enclosures are also available. (See SMR data sheet). Contact factory for further details on card racks and card rack assemblies.
5. Certification: Canadian Standards Association.
6. Racks are available for 24Vdc or 45Vdc power input only. See data sheets for the SMP and PMR power supplies.
7. Accessory panels, available in increments of 1.44", can be substituted for plug-in module positions. Contact factory for details.

OPTIONS

- RF** For complete immunity to Radio Frequency Interference specify the -RF option, which provides protection that exceeds the SAMA standard.
- TFC** Standard racks have an aluminum cover over plug-in modules. For non-RF racks, a transparent front cover is also available (specify the -TFC option). All covers fasten with captive screws.

-PMR When space is at a premium the -PMR option can be specified. It adds extended side plates to the RMR, so that a PMR power supply can be mounted on the housing.

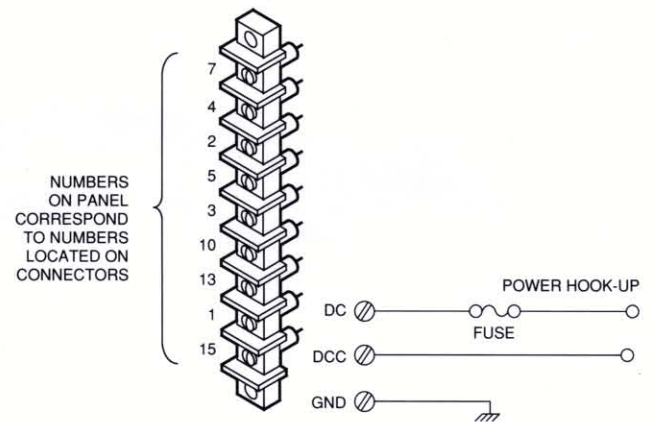


Figure 2. Terminal Block and Wiring Connections

RMR

Eleven Position
 Rack-mounted Card Rack

Table 1. Connector Pin and Key Location Identification

Unit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ACT			CT/PT	+OUT			-OUT	DCC	DC	CT/PT					
ADB	+B	CAL	+A	+OUT			-OUT	DCC	DC	-A			-B		
ADM	+S1	-S	+S2	+OUT			-OUT	DCC	DC	+S3			+S4		
ARB			+IN	+OUT			-OUT	DCC	DC	-IN					
ASM	+S1	-S	+S2	+OUT			-OUT	DCC	DC	+S3			+S4		
AXB	+B	CAL	+A	+OUT			-OUT	DCC	DC	A			-B		
DCA	UNC	LCOM	+IN	LNC			LNO	DCC	DC	-IN			UNO		UCOM
DSCT	-IN2	-OUT2	+IN2	+OUT1	+OUT2		-OUT1			-IN1			+IN2		
FDT		SH	+IN	+OUT			-OUT	DCC	DC	-IN					
LIT	CAL3	CAL1	+IN	+OUT			-OUT	DCC	DC	-IN			CAL2		
MMM				+IN			-IN								
MSS	+S1	-S	+S2	+OUT			-OUT	DCC	DC	+S3					
MVA	UNC	LCOM	+IN	LNC			LNO	DCC	DC	-IN			UNO		UCOM
MVT			+IN	+OUT			-OUT	DCC	DC	-IN					
PAM	+UP		+IN	+OUT			-OUT	DCC	DC	-IN			-UP		
PDR			+IN	+OUT	+PX		-OUT	DCC	DC	-IN					
PDT		CAL	+IN	+OUT			-OUT	DCC	DC	-IN					
PSM	+S1	-S	+S2	+OUT			-OUT	DCC	DC	+S3			+S4		
PTT	C		B	+OUT			-OUT	DCC	DC	A					
RBA	UNC	LCOM	B	LNC	C		LNO	DCC	DC	A			UNO		UCOM
RBT	C		B	+OUT			-OUT	DCC	DC	A			D		
SCT			+IN	+OUT			-OUT	DCC	DC	-IN					
SGT	+EX		+IN	+OUT			-OUT	DCC	DC	-IN			-EX		
SHM	+HC		+IN	+OUT			-OUT	DCC	DC	-IN			-HC		
SIT	CAL3	CAL1	+IN	+OUT			-OUT	DCC	DC	-IN			CAL2		
SLM			+IN	+OUT			-OUT	DCC	DC	-IN					
SRT		CAL	+IN	+OUT			-OUT	DCC	DC	-IN					
STM				+OUT			-OUT								DC
TCA	UNC	LCOM	TCR	LNC	TCR		LNO	DCC	DC	TCR			UNO		UCOM
			+IN							-IN					
TCT			TCR	+OUT	TCR		-OUT	DCC	DC	TCR					
			+IN							-IN					

Table 2. Key To Abbreviations

ABBREV.	DEFINITION	ABBREV.	DEFINITION	ABBREV.	DEFINITION
3W	3-Wire	IN1	Input 1 signal	PS	Power supply & current output
A, B, C, D	RTD or potentiometer inputs	IN2	Input 2 signal	+PX	+12V @ 15mA (reference to -IN)
+A, +B, -A, -B	Dual inputs	LCOM	Common, lower	RTD	Resistance temperature detector
CAL	Calibration	LNC	Lower trip contact, NC	-S	Signal input common -
CAL 1, 2, 3	Calibration terminals	LNO	Lower trip contact, NO	S(N)	Multiple inputs
COM	Contact set & input common	NC	Normally closed contact	SH	Shield
CT/PT	Current & Potential transformer	NO	Normally open contact	TCR	Temperature compensating resistor
DC	+Dc power	OUT	Output signal	+TX	2-Wire transmitter excitation
DCC	-Dc power	OUT1	Output 1 signal	UCOM	Common, upper
EX	Excitation for strain gauge	OUT2	Output 2 signal	UNC	Upper trip contact, NC
HC	Hold command	OUT3	Output 3 signal	UNO	Upper trip contact, NO
IN	Input signal	OUT4	Output 4 signal	UP	Update input



The Interface Solution Experts • www.miinet.com

United States • info@miinet.com
 Tel: (818) 894-7111 • FAX: (818) 891-2816
 Australia • sales@mooreind.com.au
 Tel: (02) 8536-7200 • FAX: (02) 9525-7296

Belgium • info@mooreind.be
 Tel: 03/448.10.18 • FAX: 03/440.17.97
 The Netherlands • sales@mooreind.demon.nl
 Tel: (0)344-617971 • FAX: (0)344-615920

China • sales@mooreind.com.cn
 Tel: 86-21-68406724 • FAX: 86-21-50623585
 United Kingdom • sales@mooreind.com
 Tel: 01293 514488 • FAX: 01293 536852