

Figure 1. SMR Installation

NOTES

1. Eleven position card rack is illustrated. Dimensions applying to length can be found in table.
2. SMR may be ordered to accommodate as few as 5, 10, 11 and 15 plug-in units. Number of positions should be stated on order.
3. Connectors are keyed to assure units will be plugged into proper position. Keying may be changed in the field if the system configuration changes.
4. Racks are available for 24Vdc or 45Vdc power input only. See data sheets on the SMP and PMR power supplies for more information.
5. Empty positions may be closed with Filler Cards (P/N 350-213-00) which must be ordered individually in the quantity required.
6. Accessory panels, available in increments of 1.44", can be substituted for plug-in module positions. Contact factory for details.
7. Rack Mounted Card Racks (RMR) are also available in 11-position only (see RMR data sheet). Contact factory for more information.
8. 11-position rack may be mounted in a 19" rack using the two rack mounting flanges after removing the two surface mounting brackets.
9. Terminal area is covered by a transparent plastic safety cover.
10. Certification: Canadian Standard Association.

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.

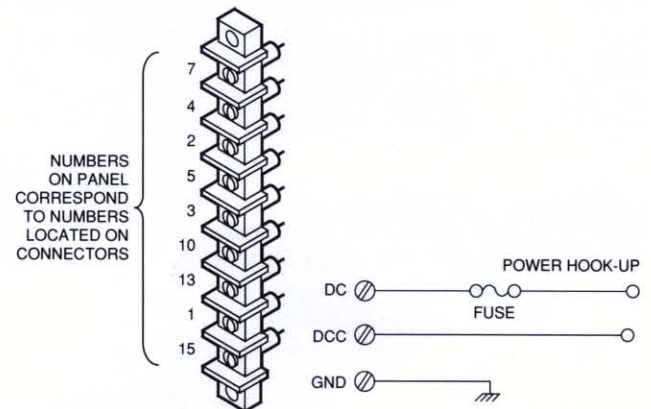


Figure 2. Terminal Block and Wiring Connections



# Surface-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
<b>ACT</b>			CT/PT	+OUT			-OUT	DCC	DC	CT/PT					
<b>ADB</b>	+B	CAL	+A	+OUT			-OUT	DCC	DC	-A			-B		
<b>ADM</b>	+S1	-S	+S2	+OUT			-OUT	DCC	DC	+S3			+S4		
<b>ARB</b>			+IN	+OUT			-OUT	DCC	DC	-IN					
<b>ASM</b>	+S1	-S	+S2	+OUT			-OUT	DCC	DC	+S3			+S4		
<b>AXB</b>	+B	CAL	+A	+OUT			-OUT	DCC	DC	-A			-B		
<b>DCA</b>	UNC	LCOM	+IN	LNC			LNO	DCC	DC	-IN			UNO		UCOM
<b>DSCT</b>	-IN2	-OUT2	+IN1	+OUT1	+OUT2		-OUT1	DCC	DC	-IN1			+IN2		
<b>FDT</b>		SH	+IN	+OUT			-OUT	DCC	DC	-IN					
<b>LIT</b>	CAL3	CAL1	+IN	+OUT			-OUT	DCC	DC	-IN			CAL2		
<b>MMM</b>				+IN			-IN								
<b>MSS</b>	+S1	-S	+S2	+OUT			-OUT	DCC	DC	+S3					
<b>MVA</b>	UNC	LCOM	+IN	LNC			LNO	DCC	DC	-IN			UNO		UCOM
<b>MVT</b>			+IN	+OUT			-OUT	DCC	DC	-IN					
<b>PAM</b>	+UP		+IN	+OUT			-OUT	DCC	DC	-IN			-UP		
<b>PDR</b>			+IN	+OUT			-OUT	DCC	DC	-IN					
<b>PDT</b>			+IN	+OUT			-OUT	DCC	DC	-IN					
<b>PSM</b>	+S1	-S	+S2	+OUT			-OUT	DCC	DC	+S3			+S4		
<b>PTT</b>	C		B	+OUT			-OUT	DCC	DC	A					
<b>RBA</b>	UNC	LCOM	B	LNC	C		LNO	DCC	DC	A			UNO		UCOM
<b>RBT</b>	C		B	+OUT			-OUT	DCC	DC	A			D		
<b>SCT</b>			+IN	+OUT			-OUT	DCC	DC	-IN					
<b>SGT</b>	+EX		+IN	+OUT			-OUT	DCC	DC	-IN			-EX		
<b>SHM</b>	+HC		+IN	+OUT			-OUT	DCC	DC	-IN			-HC		
<b>SIT</b>	CAL3	CAL1	+IN	+OUT			-OUT	DCC	DC	-IN			CAL2		
<b>SLM</b>			+IN	+OUT			-OUT	DCC	DC	-IN					
<b>SRT</b>		CAL	+IN	+OUT			-OUT	DCC	DC	-IN					
<b>STM</b>				+OUT			-OUT								DC
<b>TCA</b>	UNC	LCOM	TCR	LNC	TCR		LNO	DCC	DC	TCR			UNO		UCOM
			+IN							-IN					
<b>TCT</b>			TCR	+OUT	TCR		-OUT	DCC	DC	TCR					
			+IN							-IN					

**Table 2. Key To Abbreviations**

KEY	DEFINITION	KEY	DEFINITION	KEY	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



**United States**  
Tel: (818) 894-7111  
FAX: (818) 891-2816

**Australia**  
Tel: (02) 9525-9177  
FAX: (02) 9525-7296

**Belgium**  
Tel: 03/235.35.44  
FAX: 03/271.00.17

**Netherlands**  
Tel: (0)344-617971  
FAX: (0)344-615920

**United Kingdom**  
Tel: 01293 514488  
FAX: 01293 536852

*The Interface Solution Experts*