

Figure 1. Outline and Installation

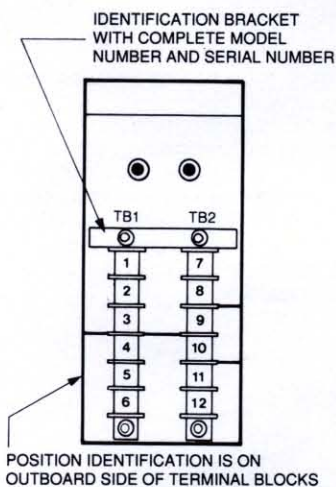


Figure 2. Standard Terminal Position Identification

NOTES

1. Complete Model No. and Serial No. are permanently marked on the identification plate located at the upper end of the terminal blocks.
2. When extra-compact mounting is required for rack or portable installation, the C-shaped mounting bracket may be removed and the two threaded inserts (located 4.00 inches apart) may be used for mounting, using 6-32NC machine screws.
3. Meets Class 1, Group D, Division 2 with optional D2 cover & CP bracket.
4. When rear inserts are used for mounting, be sure that the mounting screws do not protrude more than 1/8 inch into the unit.



Standard U-Back Housing

Table 1. Terminal Position Identification

Unit	1	2	3	4	5	6	7	8	9	10	11	12
ACT				DCC	DC	GND			CT/PT	CT/PT	+OUT	-OUT
ADB				DCC	DC	GND	+A	-A	+B	-B	+OUT	-OUT
ADM	+S1	+S2	-S	DCC	DC	GND	+S3	+S4	-S		+OUT	-OUT
ALM				DCC	DC	GND	CAL1	CAL2	+IN	-IN	+OUT	-OUT
ARB				DCC	DC	GND			+IN	-IN	+OUT	-OUT
ASM	+S1	+S2	-S	DCC	DC	GND	+S3	+S4	-S		+OUT	-OUT
AXB				DCC	DC	GND	+A	-A	+B	-B	+OUT	-OUT
DCA	UNO	COM	UNC	ACC	AC	GND	LNO	COM	LNC		+IN	-IN
FDT	SH			DCC	DC	GND			+IN	-IN	+OUT	-OUT
FSM	NO	COM	NC	ACC	AC	GND	+AP	-AP	+IN	-IN	+PO	-PO
LIT	CAL1	CAL2	CAL3	DCC	DC	GND			+IN	-IN	+OUT	-OUT
MSS	+S1	+S2	-S	ACC	AC	GND	+S3				+OUT	-OUT
MVA	UNO	COM	UNC	ACC	AC	GND	LNO	COM	LNC		+IN	-IN
MVT				DCC	DC	GND			+IN	-IN	+OUT	-OUT
PAM	+PX	+SC	-SC	ACC	AC	GND	+UP	-UP	+IN	-IN	+OUT	-OUT
PDR				DCC	DC	GND			+IN	-IN	+OUT	-OUT
PDT				DCC	DC	GND			+IN	-IN	+OUT	-OUT
PIT 4W				ACC	AC	GND					+I	-I
PSM	+S1	+S2	-S	ACC	AC	GND	+S3	+S4			+OUT	-OUT
PPS				ACC	AC	GND					+OUT	-OUT
PTT				DCC	DC	GND	A	B	C		+OUT	-OUT
EC-PTT				DCC	DC	GND	A	B	C		+OUT	-OUT
RBA	UNO	COM	UNC	ACC	AC	GND	LNO	COM	LNC	A	B	C
RBT				DCC	DC	GND	A	B	C	D	+OUT	-OUT
SCT				DCC	DC	GND			+IN	-IN	+OUT	-OUT
SGT				DCC	DC	GND	+EX	-EX	+IN	-IN	+OUT	-OUT
SHM				DCC	DC	GND	+HC	-HC	+IN	-IN	+OUT	-OUT
SIT	CAL1	CAL2	CAL3	DCC	DC	GND			+IN	-IN	+OUT	-OUT
SLM				ACC	AC	GND			+IN	-IN	+OUT	-OUT
SRT	CAL			DCC	DC	GND			+IN	-IN	+OUT	-OUT
STM				DCC	DC	GND					+OUT	-OUT
TCA	UNO	COM	UNC	ACC	AC	GND	LNO	COM	LNC	TCR	TCR +IN	TCR -IN
TCT				DCC	DC	GND		TCR	TCR +IN	TCR -IN	+OUT	-OUT

Table 2. Key to Abbreviations

Key	Definition	Key	Definition
A, B, C, D	RTD or potentiometer inputs	IN	Input signal
+A, +B	Dual inputs	LNC	Lower trip contact, NC
-A, -B		LNO	Lower trip contact, NO
AC	AC power input	OUT	Output signal
ACC	ACC power return	PO	Pulse output
AP	Auxiliary pulse output	+PX	+12V @ 15 mA (reference to -IN)
CAL	Calibration	S (N)	Multiple inputs
COM	Contact set common Input common	SC	Selectable current output
CT/PT	Current transformer Potential transformer	SH	Shield
DC	+DC power input	TCR	Terminal block mounted temperature compensating resistor
DCC	-DC power input	UNC	Upper trip contact, NC
EX	Auxiliary power supply output	UNO	Upper trip contact, NO
GND	Chassis ground	UP	Update input
HC	Hold command		
±I			

NOTES

1. Numbers at top of columns refer to terminal position numbers shown in figure 2.
2. Power input designations shown are standard. For optional power inputs, labels are changed accordingly.
3. Center lug of temperature compensating resistor must connect to terminal 9 for TCT and to terminal 11 for TCA.
4. Table 2 is an explanation of terminal position symbols listed in table 1. Refer also to the block diagram on the data sheet of the unit in question.



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