

**ELECTRONICS DIVISION**

808 W. INDIANA  
MIDLAND, TX 79701  
BUS: (915) 686-1995  
FAX: (915) 686-1996



**ELECTRONICS DIVISION**

**FABRICATION & SERVICE DIVISION**

P.O. BOX 1876  
ANDREWS, TX 79714  
BUS: (915) 524-2458  
FAX: (915) 524-5011

151825-M ALARM BOARD CALIBRATION

THE 151825-M ALARM BOARD IS DESIGNED TO PROVIDE UP TO 4 DRY CONTACT CLOSURES FROM A 4-20 MA INPUT. MULTIPLE ALARM BOARDS MAY BE CONNECTED TO ONE ANOTHER TO PROVIDE UN-LIMITED RELAY SET POINTS.

SPECIFICATIONS

POWER REQUIREMENTS:	MIN. - 20VDC MAX. - 30VDC MAX. CURRENT - 150 MA
SIGNAL INPUT:	4-20MA (24VDC PROVIDED BY ALARM BOARD).
RELAY RATING:	1AMP @ 120V AC/DC 3AMP @ 30V AC/DC

PROGRAMMING OPTIONS: EACH RELAY MAY BE SET TO TRIGGER OVER THE FULL INPUT RANGE AND MAY BE INDIVIDUALLY SET FOR EITHER ASCENDING OR DESCENDING TRIGGER POINT. THREE JUMPERS LOCATED ABOVE BOTTOM RELAY TERMINALS AND BELOW UPPER RELAY TERMINALS MAY BE MOVED TO PREFERRED SETTING. SEE ATTACHED DRAWING.

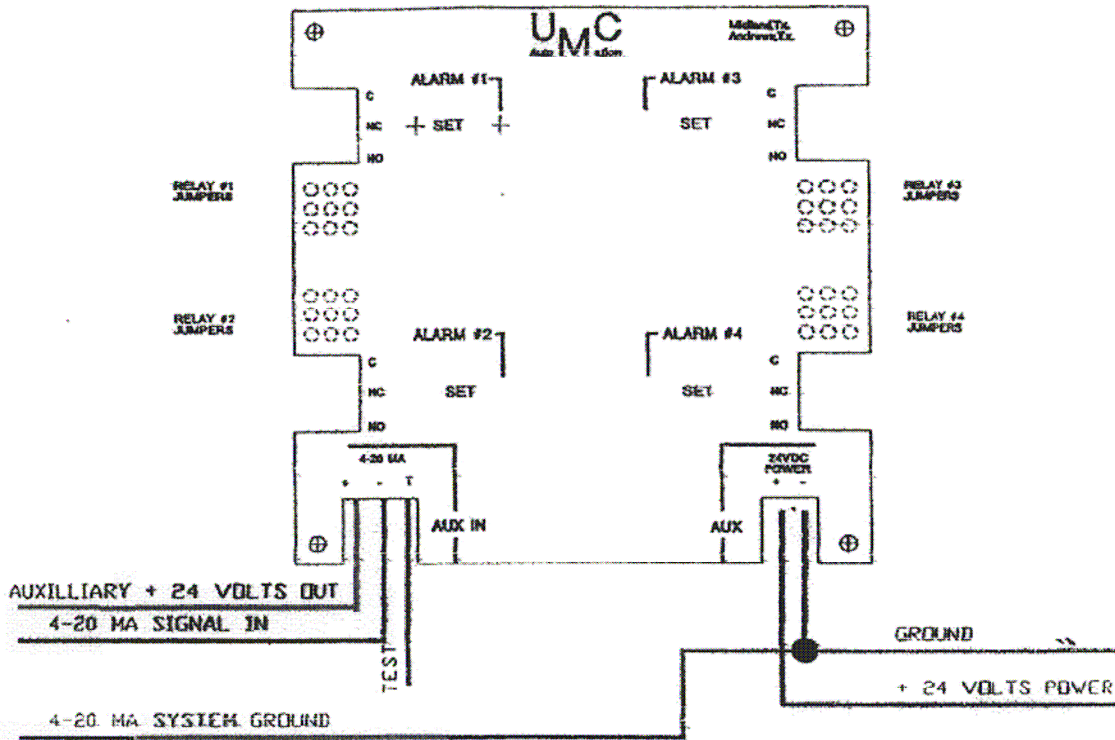
RELAY SET POINT INSTRUCTIONS:

STEP 1: WITH DESIRED ALARM TRIP SIGNAL ON 4-20MA INPUT.

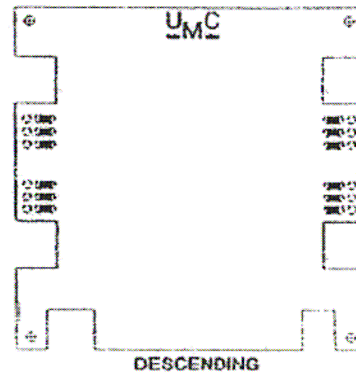
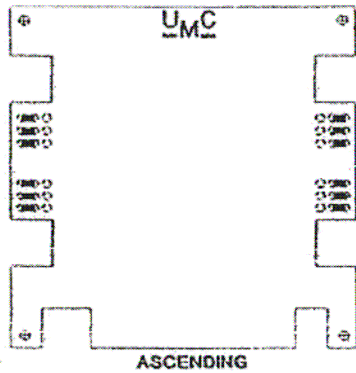
STEP 2: LOCATE SCREW ADJACENT TO ALARM LABELED "SET", TURN SCREW UNTIL LED LIGHTS, ALARM IS NOW SET. (NOTE: SEE ATTACHED DRAWING).

REPEAT STEPS 1 & 2 FOR EACH RELAY.

NOTE 1: WHEN USING WITH E-Z CONTROL, 4-20 MA MAY BE SIMULATED WITH E-Z SIMULATE TO SET TRIP POINTS.



JUMPER SETTINGS FOR RELAY TRIGGER POINTS

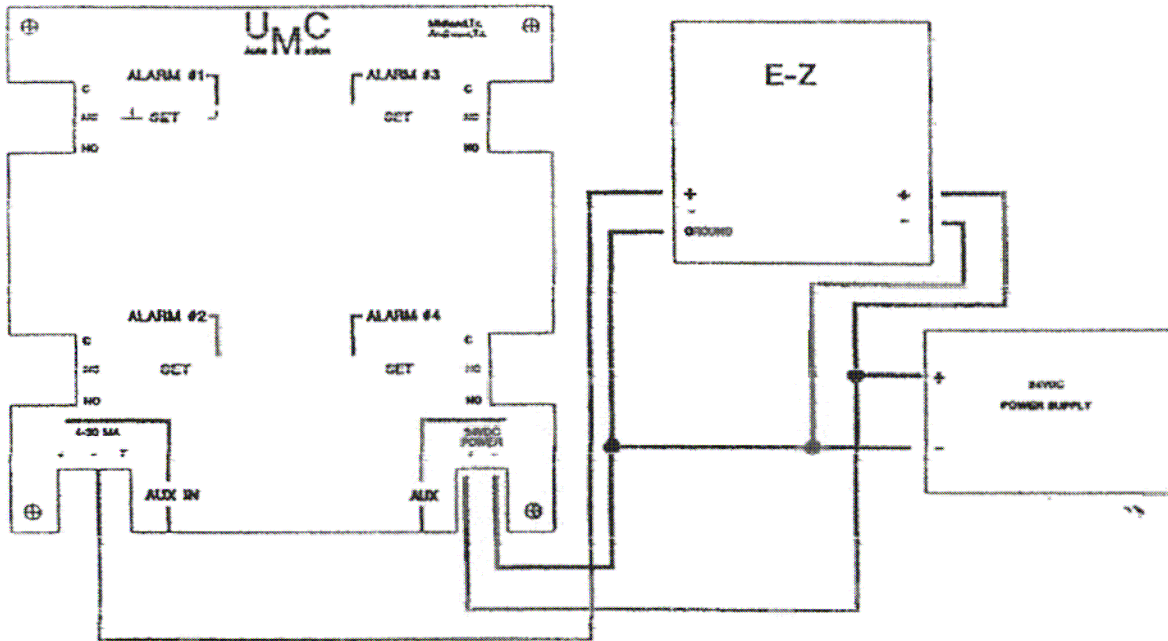


NOTES:

1. NECESSARY CONNECTIONS
  - + 24 VOLT POWER
  - 24 VOLT GROUND
  - 4-20 MA SIGNAL IN
  - 4-20 MA SYSTEM GROUND
  - 24 VOLTS OUT AVAILABLE FOR AUXILIARY INSTRUMENTS
2. TEST LEAD PROVIDED FOR CONVENIENT CHECK OF 4-20 MA CURRENT. CONNECT A CURRENT METER ACROSS THE 4-20 MA SIGNAL INPUT POINT AND THE TEST POINT; THIS WILL MEASURE THE CURRENT LOOP CURRENT WITHOUT BREAKING

<b>UMC</b> AUTOMATION		ELECTRONICS DIVISION 808 W. INDIANA MIDLAND, TEXAS 79701	
DRAWN BY: S. EVANS	TITLE: SDU ALARM CARD CUSTOMER CONNECTIONS	DWG. # 12-231646	UMC # 231646
APPROVED:	ACAD #		
RELEASED:			

# CUSTOMER CONNECTIONS FOR E-Z/ALARM CARD



<b>U/M/C</b> AUTOMATION		ELECTRONICS DIVISION 800 V. HINDMAN HOUSTON, TEXAS 75701
DRAWN BY: S. EVANS	TITLE: SDU ALARM CARD CUSTOMER CONNECTIONS	DWG. #: 12-231646
REVISED BY:	ALARM #:	REV. #: 231646
DATE: 4 OCT. 1991	231646CC.DWG REVA	SHEET: 2 OF 3