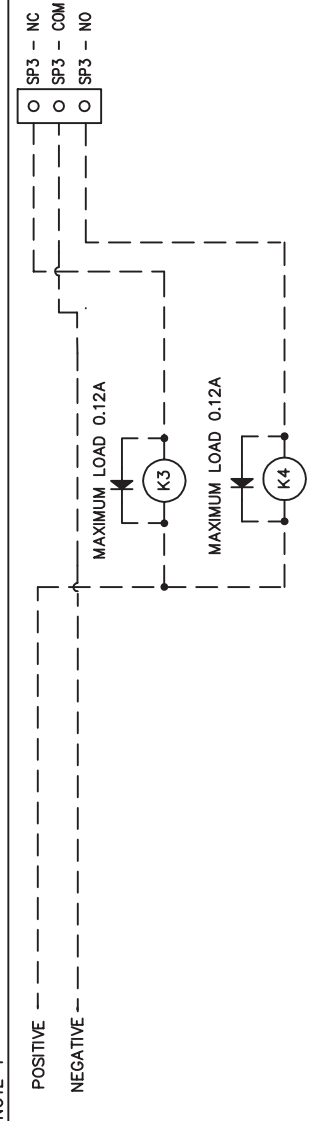
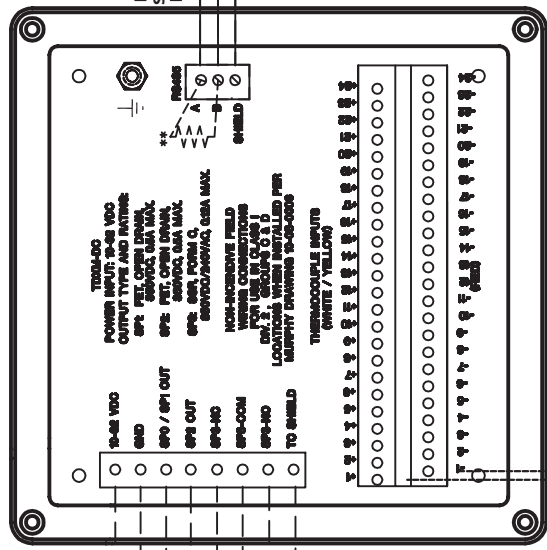
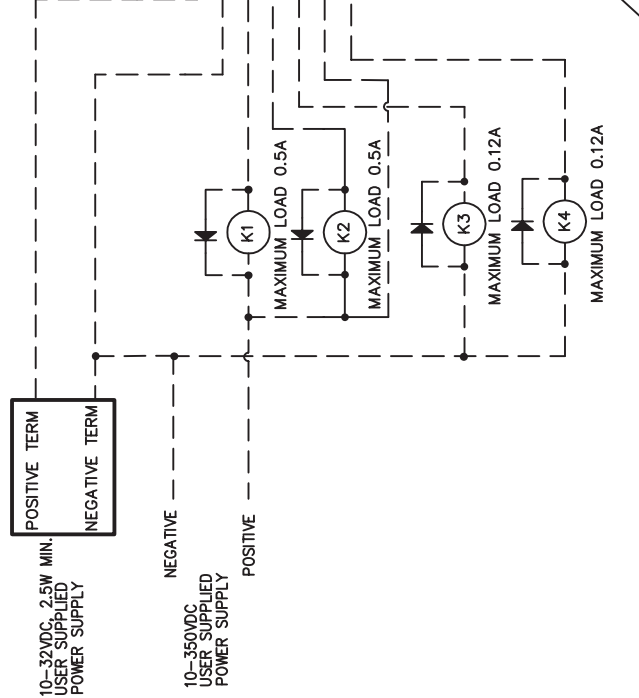


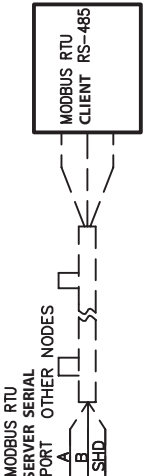
NOTE 4



- NOTES:
1. SHIELDED THERMOCOUPLE LEADS ARE RECOMMENDED. SHIELD DRAIN WIRE MAY BE CHASSIS GROUNDED OR CONNECTED TO "TC SHIELD" INPUT TERMINAL AS SHOWN. DRAIN WIRE MUST BE UNGROUNDED WHEN CONNECTED TO "TC SHIELD" INPUT.
 2. ALWAYS ROUTE THERMOCOUPLE LEADS SEPARATE FROM ALL OTHER WIRING.
 3. CUSTOMER FIELD WIRING CONNECTIONS TO BE INSTALLED IN ACCORDANCE WITH THE NEC CODE FOR CLASS I, DIV 2, GRPS C AND D HAZARDOUS LOCATIONS.
 4. OPTIONAL SP3 CONNECTION. SP3 COM CONNECTED TO POWER SUPPLY NEG.



** = 120 OHMS TERMINATING RESISTOR FOR LAST NODE



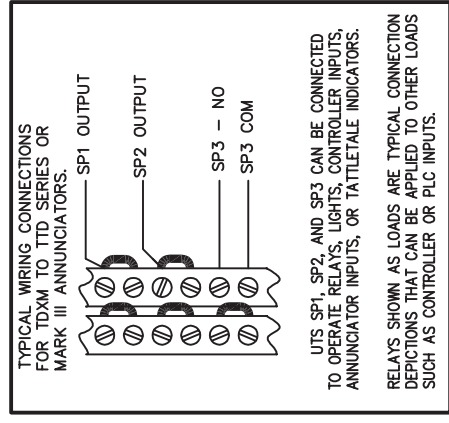
CASE GROUNDING STUD - EQUIP. GROUND

-WARNING-
EXPLOSION HAZARD. DO NOT DISCONNECT WHILE CIRCUIT IS LIVE UNLESS AREA IS KNOWN TO BE NON-HAZARDOUS.

AVERTISSEMENT - RISQUE D'EXPLOSION. NE PAS DEBRANCHER TANT QUE LE CIRCUIT EST SOUS TENSION, A MOINS QU'IL NE S'AGISSE D'UN EMPACEMENT NON DANGEREUX.

USE ONLY 120 OHMS CHARACTERISTIC CABLE SUCH AS BELDIN 9841 OR 31305 AS SPECIFIED IN EIA RS-485 STANDARD

CONNECT SHIELD DRAIN WIRE AT ONE END ONLY



SHIELD DRAIN WIRE (INSULATE FROM GND) OR GROUND DRAIN WIRE (DO NOT CONNECT TO "TC SHIELD")

HIGH TEMPERATURE WIRE NUTS

JUNCTION BOX

GROUNDED OR UNGROUNDED THERMOCOUPLES MAY BE USED. UNGROUNDED THERMOCOUPLES ARE HIGHLY RECOMMENDED. GROUNDED THERMOCOUPLES IN DEVICES WITH DIFFERENT GROUND POTENTIALS MAY RESULT IN ERRORS IN READINGS OUTSIDE OF SPECIFICATIONS.

NON-INCENDIVE FIELD WIRING TYPICAL FOR ALL 24 THERMOCOUPLE INPUTS. ROUTE LEADS SEPARATE FROM ALL OTHER WIRING.