Setting up JouleAlarm for Minitemp/8 swap over

A blank JouleAlarm will display --[1] --[2] --[3] ….

Program channels as needed from nu (not used) to nc (normally closed) for Ta1's

When programming no or nc in JouleAlarm alarm low and high are not applicable only alarm delay needs to be set.

When programmed as nc ,the display on the JouleAlarm will cycle thru the channels and display cL[1] cL[2] cL[3] meaning that the channels are closed

When an alarm happens the display will read
cL[1] oP[2] cL[3] this means channel 2 is open (in alarm after delay)

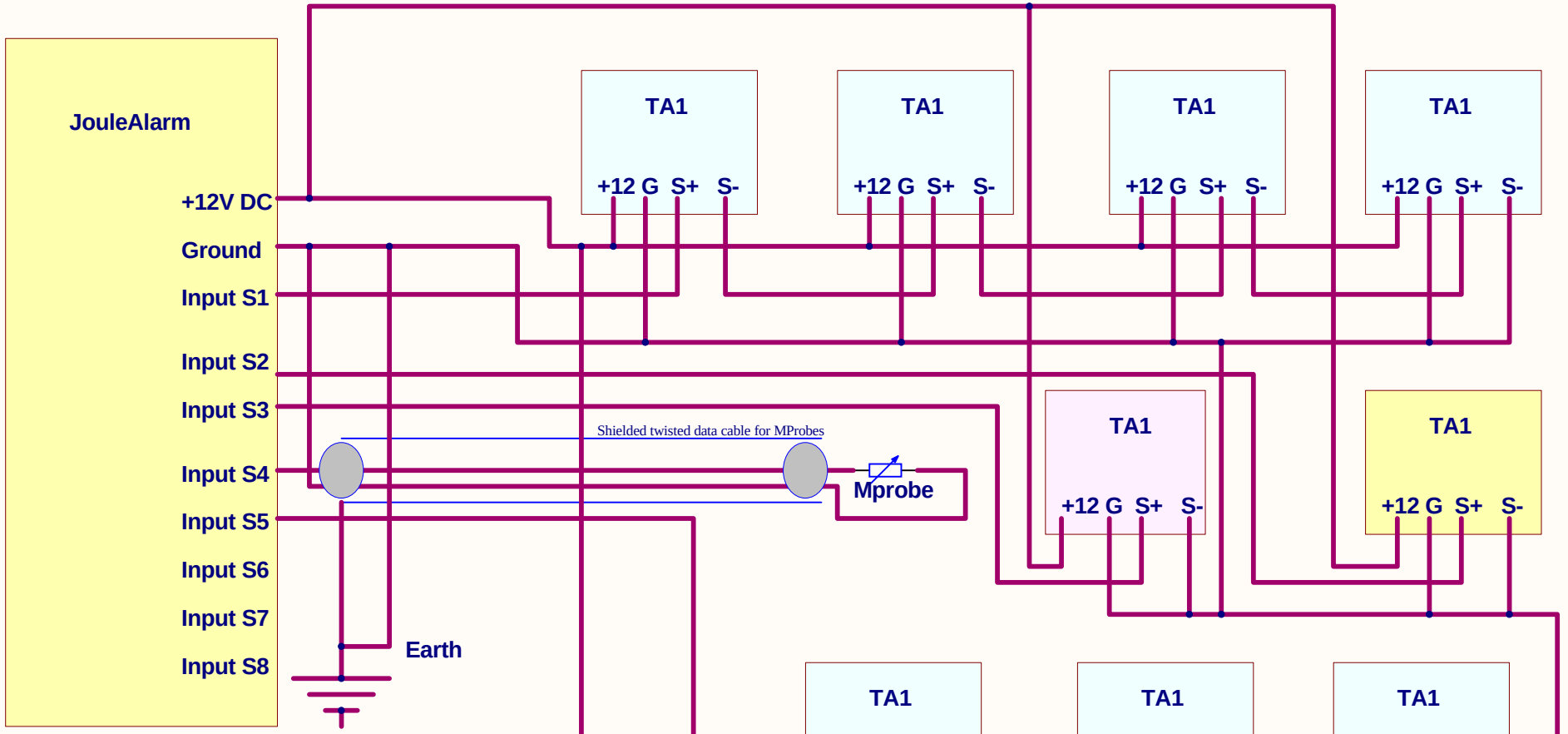
When a channel is in alarm the alarm led, buzzer and alarm light all go, when the channel in alarm is displayed the alarm led will be on at the same time that channel is shown on the display.

Program JouleAlarm as above, isolate all Ta1's (switch 1 to on) so that they have a closed signal regardless of alarm state.

Enable Ta1's one by one.

The display should read cL[1] cL[2] cL[3] unless a Ta1 is overtemp.

The easiest way to Programme the JouleAlarm is via a Laptop or Notebook (recommended)



Notes;

1. This is example only, so inputs 1 -8 can have any combination of Phasefale Mprobes & TA1 (5 Channels shown here)
2. Maximum of 12 TA1s total can be supplied from JouleAlarm; for more use auxiliary 12V DC supply
3. Inputs can be either TA1 (single), TA1 (multiple as per input 1) or Mprobe only.
4. Maximum of 8 TA1's canbe used on a single input channel
5. Where Mprobes are used, MUST be shielded cable with data shield to EARTH
6. Ground Terminal on JouleAlarm should be connected to EARTH
7. Observe correct polarity of TA1 alarm switch: S+ to input and S- to ground or next unit S+.
8. TA1 inputs are type nc (normally closed)
9. Mprobe inputs are type ta (temperature alarm) or tn (temperature monitor)

Title	**JouleAlarm- TA1 Wiring**	
Size A4	Number	Revision
Date: 14/07/2009	Sheet of	
File: P:\1product\..\Joulealarm TA1 wiring.SCH.DOC	Drawn By:	