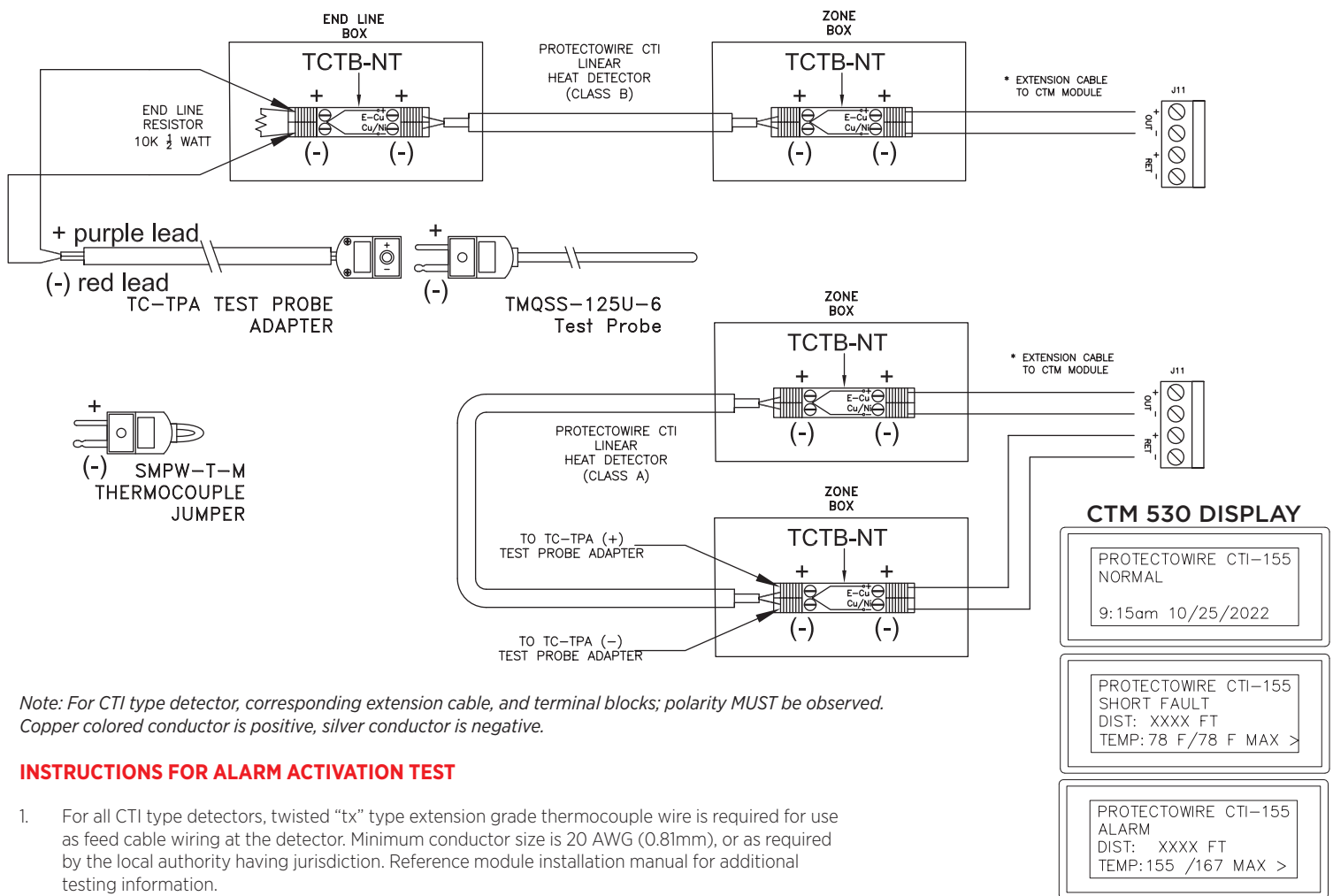


CTM-530 & CTM-230 Test Instructions when employing TCTB-NT terminal blocks



Note: For CTI type detector, corresponding extension cable, and terminal blocks; polarity MUST be observed. Copper colored conductor is positive, silver conductor is negative.

INSTRUCTIONS FOR ALARM ACTIVATION TEST

- For all CTI type detectors, twisted "tx" type extension grade thermocouple wire is required for use as feed cable wiring at the detector. Minimum conductor size is 20 AWG (0.81mm), or as required by the local authority having jurisdiction. Reference module installation manual for additional testing information.
- For Class B applications, remove End of Line resistor from TCTB-NT and replace with TC-TPA & TMQSS-125U-6 test probe. A "SHORT FAULT" condition should be indicated on the CTM module.
- Apply heat to the end of the test probe until an "ALARM" condition is indicated on the CTM module.
- Remove TC-TPA & TMQSS-125U-6 test probe and replace ELR. Reset module and confirm CTM module returns to "NORMAL" status.
- For Class A applications, place TC-TPA & TMQSS-125U-6 test probe across beginning zone box TCTB-NT terminals leaving detector connections intact.
- Apply heat to the end of the test probe until an "ALARM" condition is indicated on the CTM module.
- Remove TC-TPA & TMQSS-125U-6 test probe and confirm field wiring is intact. Reset module and confirm CTM module returns to "NORMAL" status.
- Repeat steps 5-7 for return zone box TCTB-NT.

INSTRUCTIONS FOR ALARM POINT LOCATION CALIBRATION AND SHORT FAULT TEST

- Replace TMQSS-125U-6 with SMPW-T-M.
- Reference module installation manual and follow instructions for calibration and short fault testing. Use SMPW-T-M & TC-TPA connected across TCTB-NT terminals in lieu of test probe.
- Confirm the TC-TPA is removed at the end of testing.
- Confirm all circuit connections are tight.