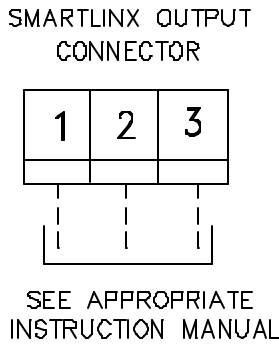
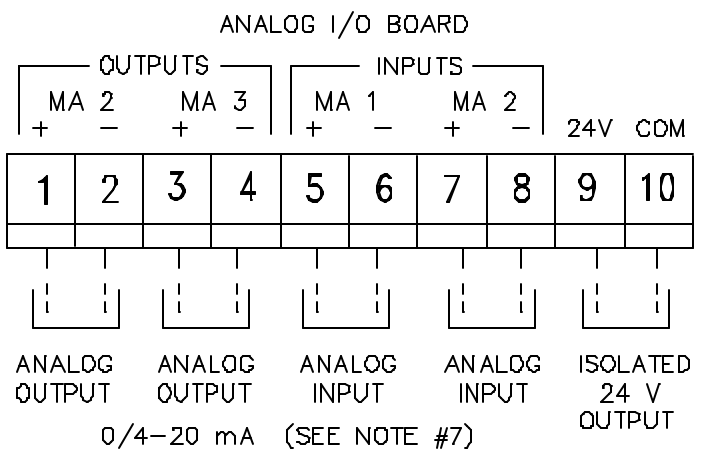
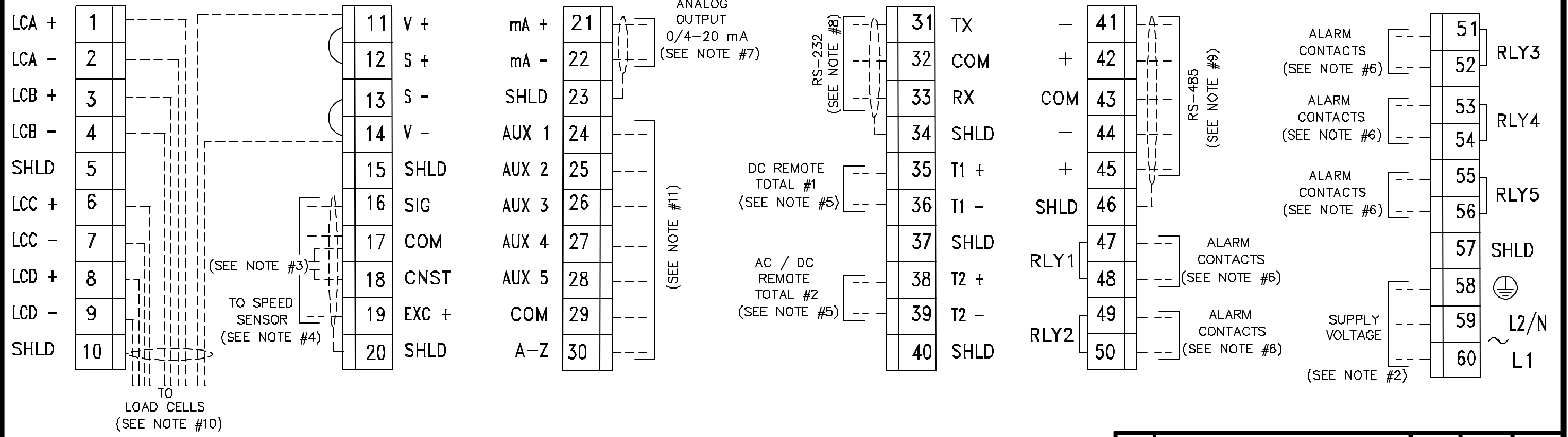


SEE INSTRUCTION MANUAL FOR PROPER OPERATION.



NOTES:

- 1) ——— WIRED BY SIEMENS MILLTRONICS
 --- WIRED BY CUSTOMER
- 2) POSITION SW2 FOR 100/115/200/230 VAC OPERATION, 50/60 HZ, 31 VA
- 3) IF NO SPEED SENSOR IS USED, CONNECT CONSTANT SPEED TO COMMON WHEN CONVEYOR IS RUNNING.
- 4) FOR CONNECTION TO SPEED SENSOR, USE 3 CONDUCTOR #18 AWG SHIELDED CABLE.
- 5) TOTAL #1 RATING 100 mA @ 24 VDC
 USE 2 CONDUCTOR #18 AWG SHIELDED CABLE
 TOTAL #2 RATING 100 mA @ 250 V DC OR AC
- 6) ALARM CONTACTS RATED AT 5A @ 250 VAC, NON-INDUCTIVE
- 7) FOR ANALOG OUTPUT/INPUT, USE 2 CONDUCTOR #18 AWG SHIELDED CABLE.
- 8) FOR RS-232 USE 3 CONDUCTOR #22 AWG SHIELDED CABLE UP TO 15m (50 FT).
- 9) FOR RS-485 USE 4 CONDUCTOR (2 TWISTED PAIR) #18 AWG OR EQUIVALENT UP TO 3000m (10,000ft) LOOP.
- 10) USE 6 CONDUCTOR #20 AWG SHIELDED CABLE FOR EACH SET OF DUAL LOAD CELL CONNECTIONS LESS THAN 150M (500ft).
 FOR CABLE RUNS OF 150m TO 300m USE 8 CONDUCTORS TO ALLOW CONNECTION OF V- TO S- AND V+ TO S+ AT LOAD CELL JUNCTION BOX AND REMOVE TERMINAL BLOCK JUMPERS.
 FOR A SINGLE LOAD CELL APPLICATION, USE 2 LESS CONDUCTORS IN EACH OF THE ABOVE SITUATIONS.
- 11) FOR AUX INPUT AND AUTO ZERO USE 2 CONDUCTOR #18 AWG SHIELDED CABLE TO REMOTE CONTACT. CONNECTION OF TERMINALS 29 TO 30 WILL CAUSE SELF INITIATED AUTOMATIC ZERO WITH CONVEYOR BELT RUNNING EMPTY.
- 12) FOR FURTHER DETAILS AND EXPLANATION, PLEASE REFER TO THE INSTRUCTION MANUAL.



TB1 TERMINAL BLOCKS SHOWN SEPARATED FOR CLARITY

ALL FIELD WIRING MUST HAVE INSULATION SUITABLE FOR AT LEAST 250 V.

| | | | | | |
|------------------------------------|---|---|---|--------|------------|
| USE DIMENSIONS ONLY - DO NOT SCALE | 1 | ACCUMASS REBRANDED TO MILLTRONICS REPLACES DRAWING D-73300177-SE-B | JLC | RDC | JULY 24/03 |
| DIMENSIONS ARE IN MILLIMETERS | Rev. | Revision / ECN Description | Drawn | Appr. | Date |
| Third Angle Projection | Product Group | Tolerance Unless Otherwise Noted: | UOS | Scale: | Size: |
| | MASS DYNAMICS | 1 Place Decimal N/A | Angles: N/A | NONE | B |
| FOR INTERNAL USE ONLY | Date: | 09/03/99 | TITLE: | | |
| | Drawn: | R. CLYSDALE | MILLTRONICS BW500 WITH OPTIONS CONNECTION DIAGRAM | | |
| | Checked: | P. RICCI | DRAWING No: 23650436 | | |
| | Approved: | R. CLOSS | Rev. 1 | | |
| | Location: | PETERBOROUGH | Sheet 1 of 1 | | |
| | SIEMENS MILLTRONICS PROCESS INSTRUMENTS INC. Peterborough, Ontario, Canada | File No. 2365043601 | Pkt at: 1:1 | | |