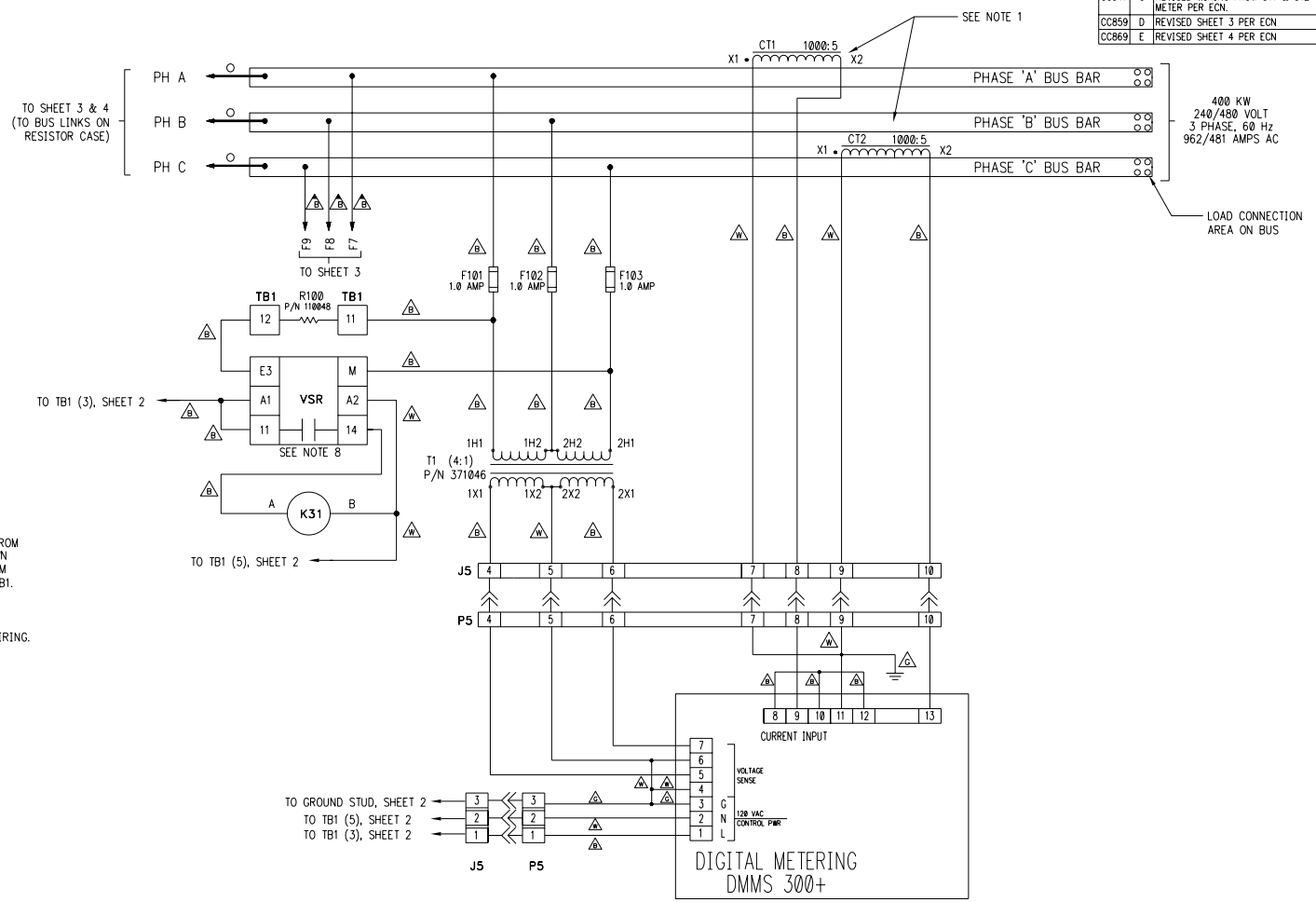
| REVISIONS | | | | |
|---|---|---|---|---|
| ECN NO. | REV | DESCRIPTION | DATE | APPROVED |
| CC127 | A | REVISED PER ECN. ALSO SEE SHEET 2. J.FLAUTO | 4/7/00 | J.EMERY |
| CC227 | B | REVISED PER ECN. ALSO SEE SHEET 3. FACKELMANN | 7/11/00 | J.HUDSON |
| CC347 | C | REVISED WIRING FROM CT1 & CT2 TO DIGITAL METER PER ECN. | J.FLAUTO 10-4-00 | J.HUDSON |
| CC859 | D | REVISED SHEET 3 PER ECN FACKELMANN | 10/19/01 | D.KOZAR |
| CC869 | E | REVISED SHEET 4 PER ECN FACKELMANN | 11/16/01 | D.KOZAR |




8- PRESET VOLTAGE SENSE RELAY (VSR) TO 270V BUS VOLTS, 0% HYS.

7- OPTION #1 NOTE: IF OPTION #1 IS ADDED, REMOVE S1 FROM CONTROL PANEL, ADD COMPONENTS AND WIRING AS SHOWN IN BLOCK ON SHEET 3, ADD A 16 AWG BLACK WIRE FROM TB1 (3) TO TB1 (4) AND REMOVE LINE CORD (P1) FROM TB1.

6- ——— LINES INDICATE CUSTOMER WIRING.

5- ---- DASHED LINES INDICATE OPTIONAL EQUIPMENT WIRING.

4-

3- WIRE LEGEND: (WIRE CODE TYPICAL FOR ALL SHEETS)
ALL UNMARKED WIRE TO BE BLACK #16 AWG (P/N 390008)

- (B) INDICATES WIRE TO BE BLACK #16 AWG (PN 390008)
- (W) INDICATES WIRE TO BE WHITE #16 AWG (PN 390008)
- (G) INDICATES WIRE TO BE GREEN #16 AWG (PN 390008)
- (B) INDICATES WIRE TO BE BLACK #14 AWG (PN 390011)
- (B) INDICATES WIRE TO BE BLACK #12 AWG (PN 390014)
- (2) INDICATES WIRE TO BE BLACK #8 AWG (PN 390322)
- (3) INDICATES WIRE TO BE BLACK #6 AWG (PN 390323)
- (5) INDICATES WIRE TO BE BLACK #2 AWG (PN 390325)
- [B] INDICATES WIRE TO BE BLACK #22 AWG (PN 390001)
- [W] INDICATES WIRE TO BE WHITE #22 AWG (PN 390001)
- ○ INDICATES WIRE TO BE BLACK #4/0 AWG (PN 390309) FOUR (4) WIRES IN PARALLEL

2- DO NOT RUN POWER WIRING IN THE SAME BUNDLE AS CONTROL PANEL WIRING.

1- CT1 & CT2 LEADS SHOULD BE THE SAME LENGTH.

UNLESS OTHERWISE SPECIFIED THE ABOVE NOTES APPLY

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| | |
|---|---|
| D30693-1 | D30693-1 |
| NEXT ASSY | USED ON |
| APPLICATION | |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES: ANGLES±1° DECIMALS .XX± .XXX±
FINISH
PAINT PER PS
PLATE PER
COAT PER PS
ANODIZED PER
OTHER

| | | |
|---|---|---|
| DRAWN | J.FLAUTO | 1-24-00 |
| CHECKED | J.FLAUTO | 1-25-00 |
| ENG APVD | J.EMERY | 1-26-00 |
| APVD PROD | ZIMMERMAN | 1/27/00 |

AVTRON MANUFACTURING INC
7900 E.PLEASANT VALLEY ROAD
INDEPENDENCE, OH 44131-5529

# SCHEMATIC/INTERCONNECTION DIAGRAM, LOAD BANK (400KW @ 240/480V, 3PH)

IMF ☒ PSF ☐

| SIZE | CAGE NO. | DWG. NO. | REV |
|---|---|---|---|
| D | 01014 | D30695 | E |

SCALE | MODEL LPH 400 | SHEET 1 OF 4

SIMILAR TO D30078