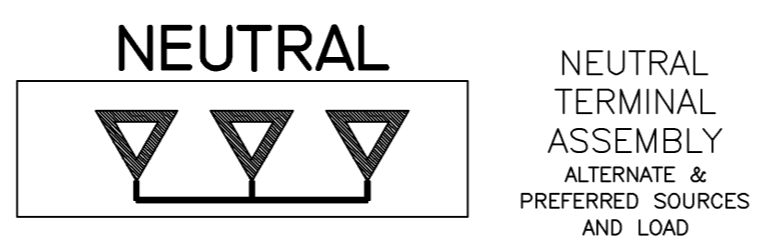


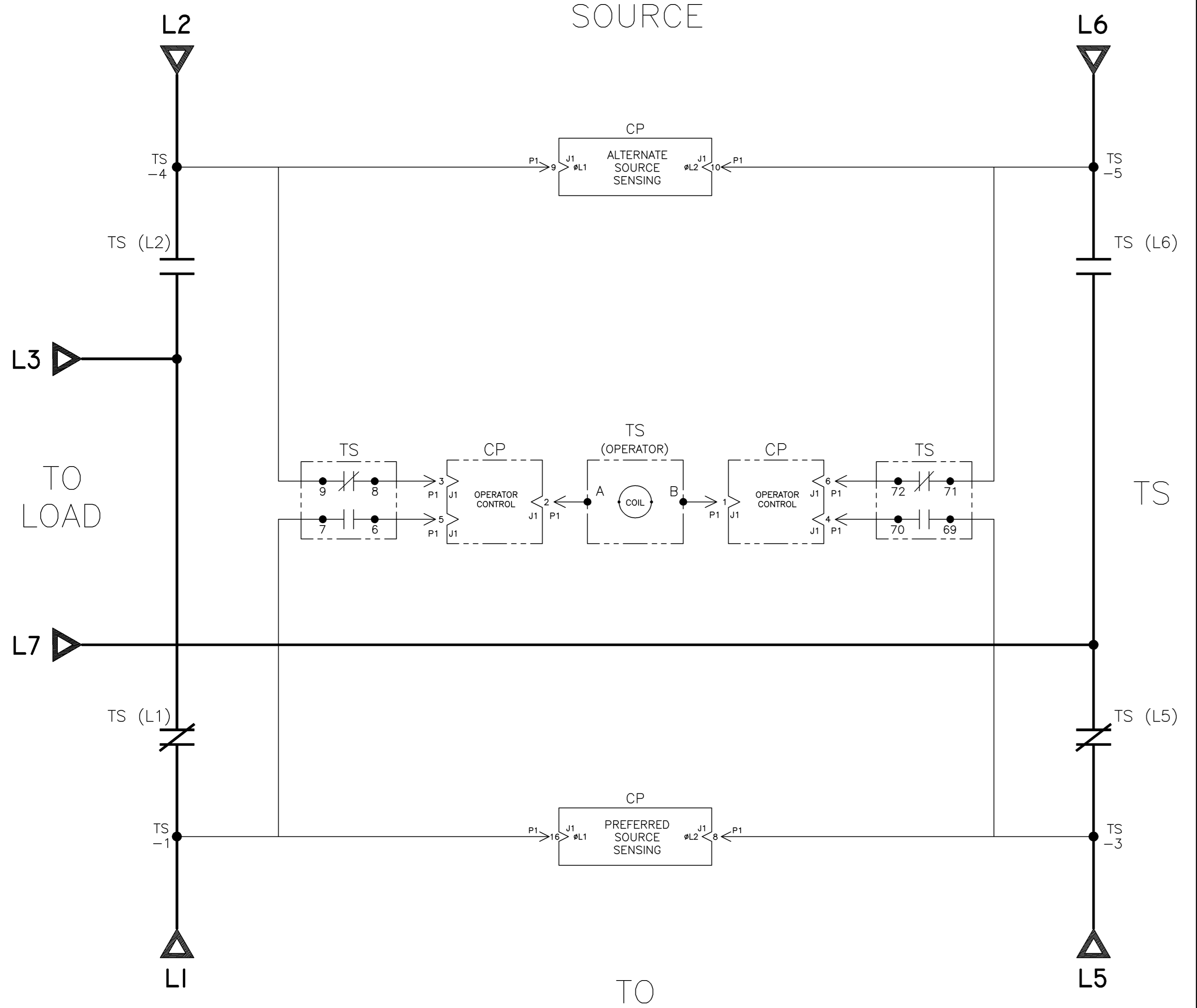
TRANSFER SWITCH POWER POLES, OPERATOR, AND SENSING

PHYSICAL DIAGRAM AND WIRING



TO ALTERNATE SOURCE

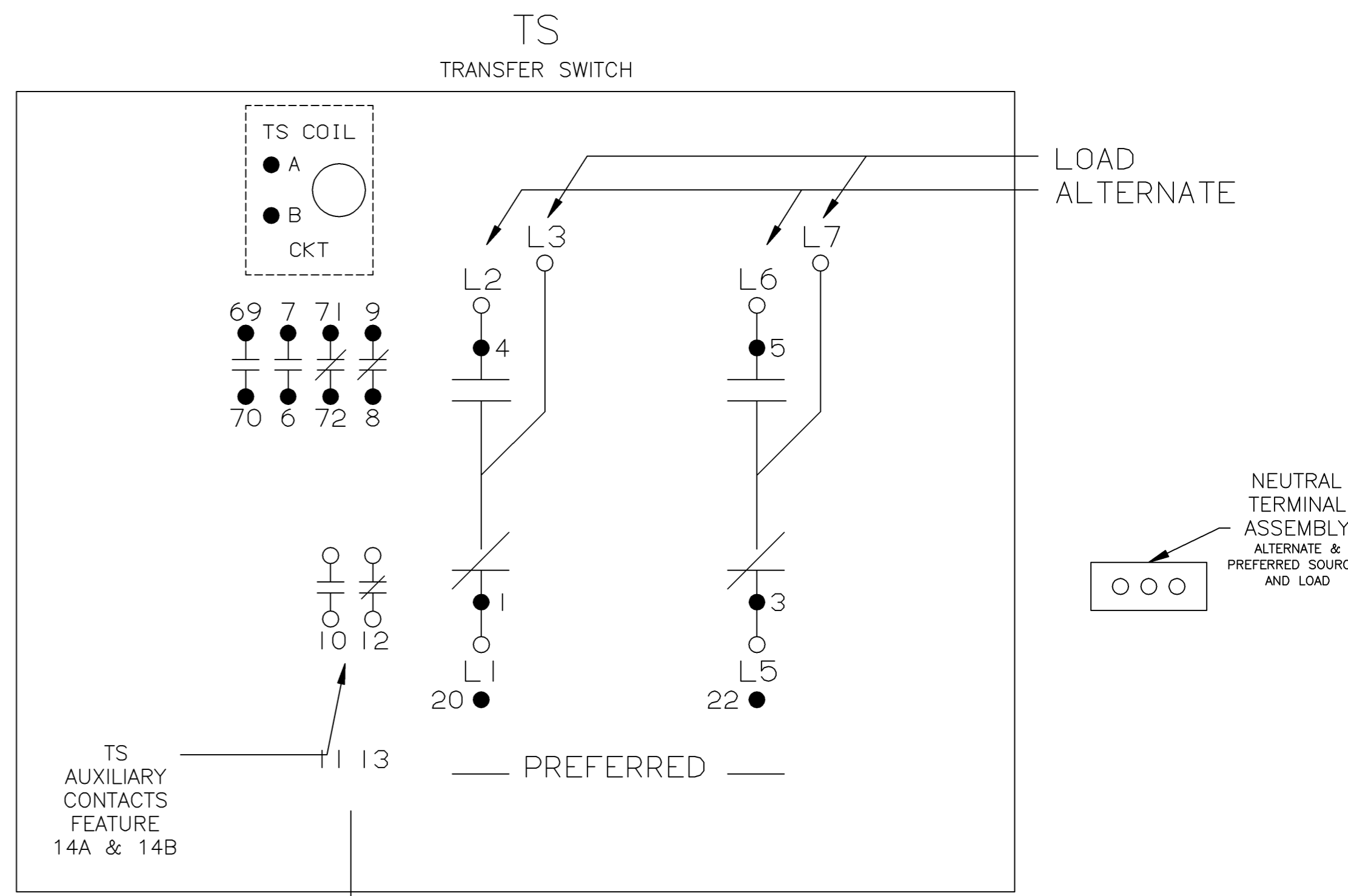
TO PREFERRED SOURCE



ATS SHOWN CLOSED ON PREFERRED SOURCE

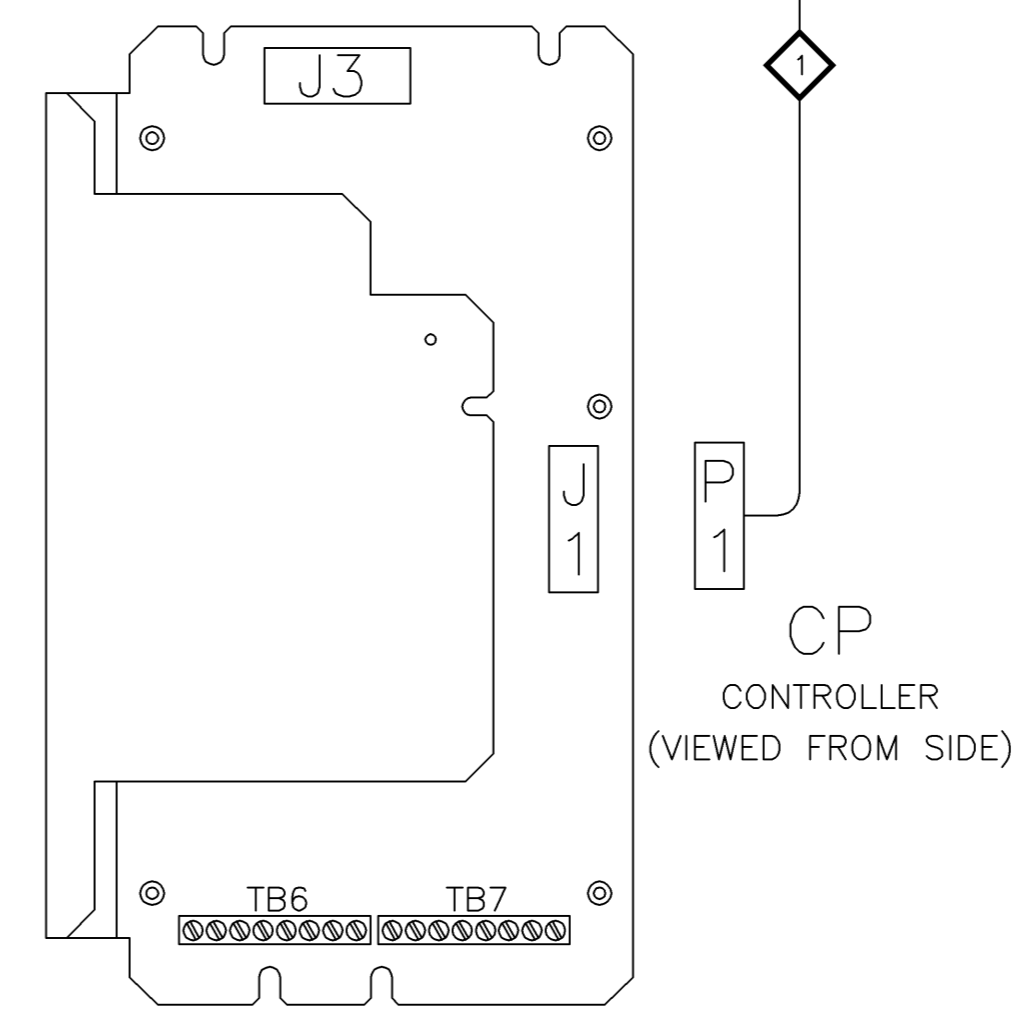
| TS CONTROL CONTACTS | | | |
|---------------------|---------------|-----|---------------|
| TS | CLOSED BEFORE | | BEFORE CLOSED |
| | PREF. | TDC | |
| 6-7 | | | |
| 69-70 | | | |
| 8-9 | | | |
| 71-72 | | | |

TDC (TOP DEAD CENTER)



WIRE RUN LISTING

| WIRE No. | HARNESS LOCATOR | BOX CHECKED IF HARNESS IS MODIFIED | CLR | AWG |
|----------|-------------------|------------------------------------|-----|-----|
| 1 | TS-8,P1-3 | | | 16 |
| 2 | TS-COIL(BLK),P1-1 | | | |
| 3 | TS-6,P1-5 | | | |
| 4 | TS-3,P1-8 | | | |
| 5 | TS-COIL(BLK),P1-2 | | | |
| 6 | TS-5,P1-10 | | | |
| 7 | TS-4,P1-9 | | | |
| 8 | TS-1,P1-16 | | | |
| 9 | TS-70,P1-4 | | | |
| 10 | TS-72,P1-6 | | | |
| 11 | TS-7,TS-1 | | | |
| 12 | TS-69,TS-3 | | | |
| 13 | TS-9,TS-4 | | | |
| 14 | TS-71,TS-5 | | | |



| | | | | |
|---|--------|-----|-----|----------|
| D | 224209 | DAJ | JPB | 8/27/09 |
| C | 223979 | DAJ | JPB | 8/07/09 |
| B | 221553 | SDH | SDH | 1/26/09 |
| A | 221452 | JPB | JPB | 01/19/09 |
| - | 221396 | JPB | JPB | 7/08 |

PROJECT NAME: **WIRING** **DIAGRAM**

SERIES 185 ATS, SINGLE PHASE, 3 WIRE
E FRAME TRANSFER SWITCH (260, 400 AMPS) GROUP 4 CONTROLS

| | | | | | |
|------------------|-----|----------|---|-----------------|---------------------------------------|
| DRAWN BY | BY | DATE | MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-I-003. FOR PLASTIC PARTS SEE MP-I-005 | ASSEM. REF. NO. | COMPUTER GENERATED DRAWING |
| CHECKED | JPB | 01/13/09 | PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED. | | SCALE 1:1 SIZE DS |
| PROJECT APPROVAL | | | | | DWG. NO. 861735 |
| FINAL APPROVAL | JPB | 01/13/09 | | | DRAWING D ECN NO. 224209 SHEET 2 OF 2 |

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