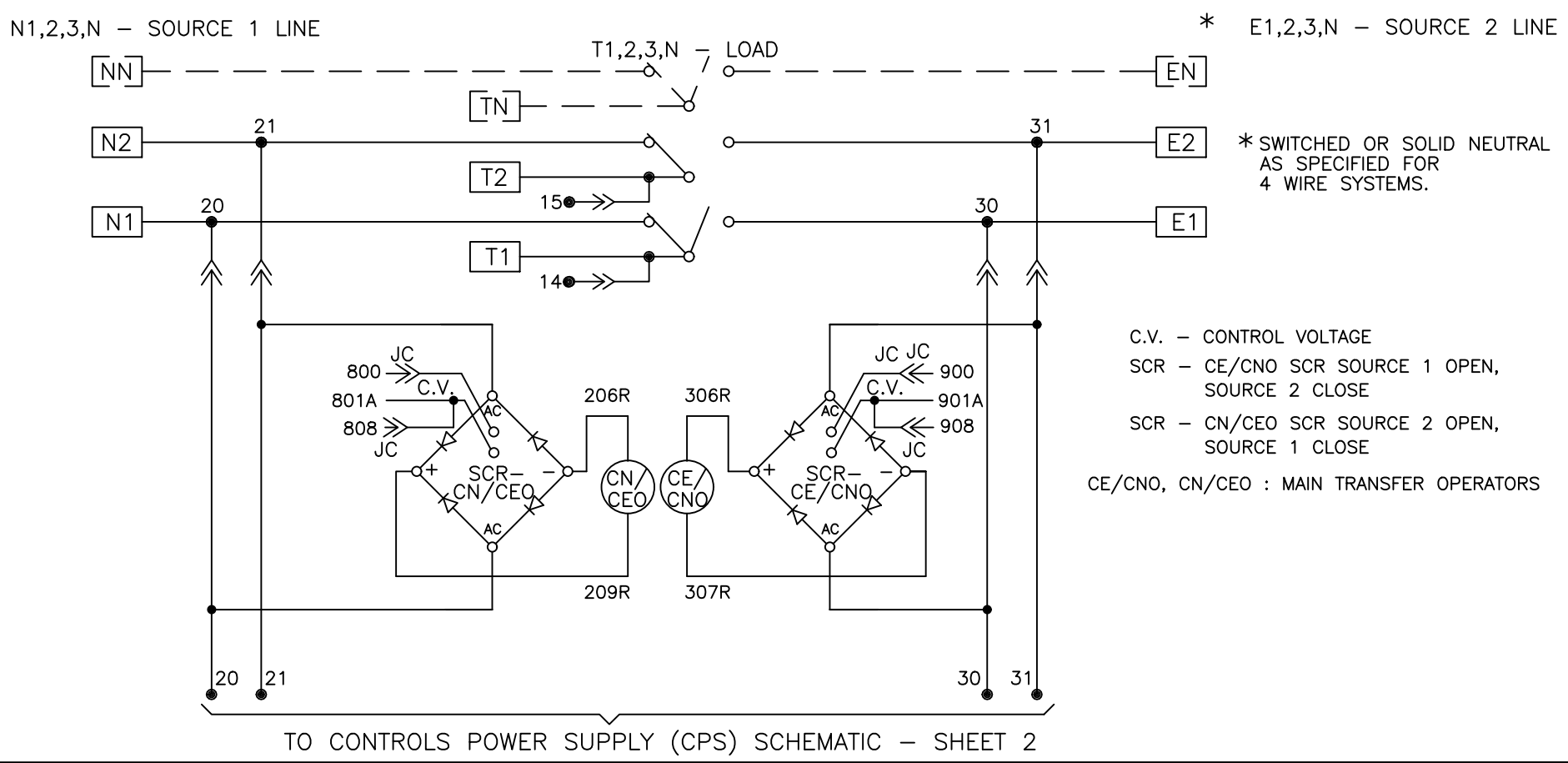


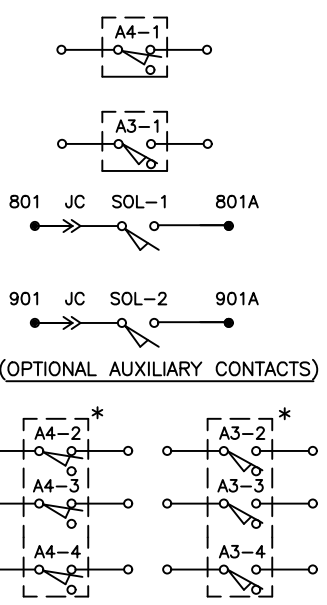
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
4	C077097	09/24/19	AR MAS

**ATS POWER CIRCUIT SCHEMATIC**

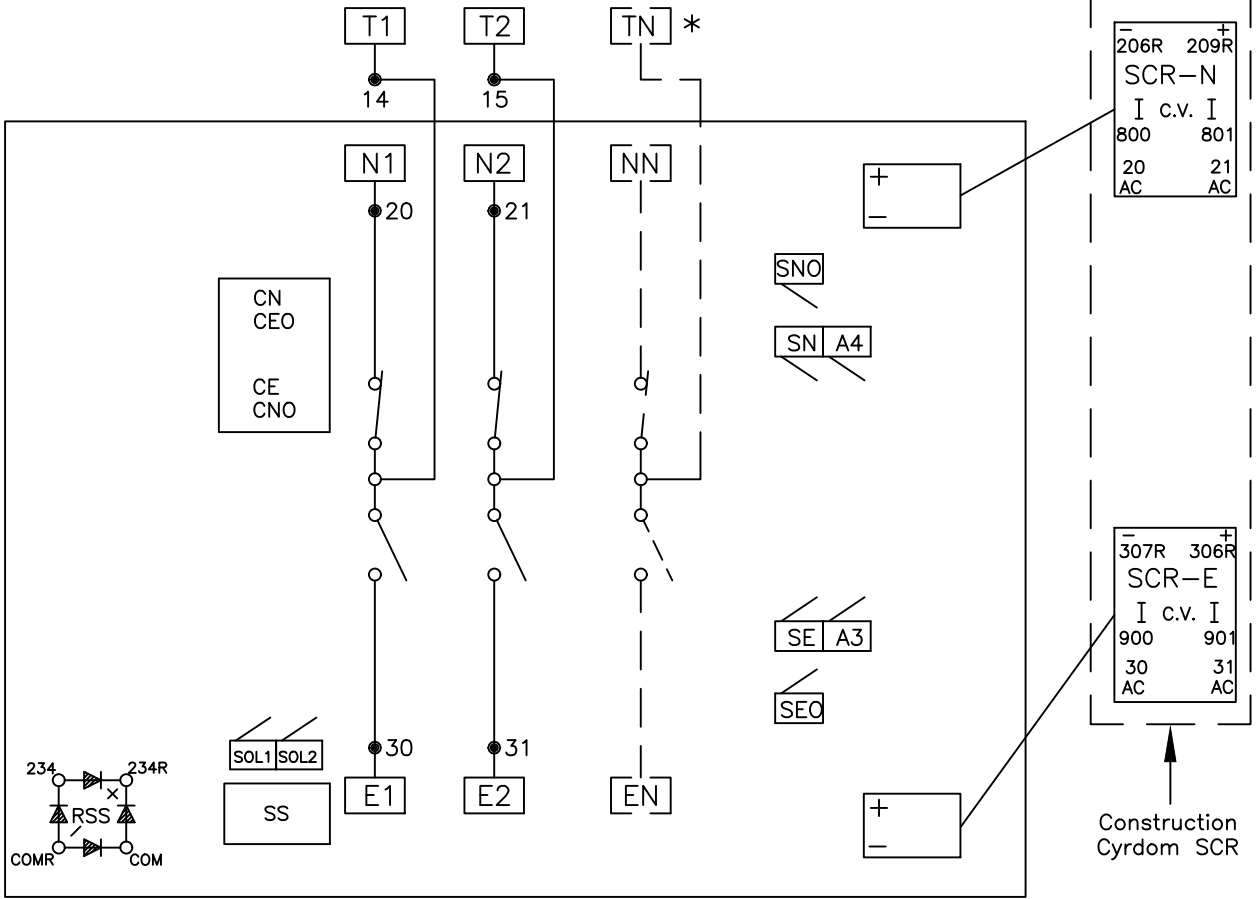


TO CONTROLS POWER SUPPLY (CPS) SCHEMATIC - SHEET 2

**AUXILIARY CONTACTS**



**ATS POWER PANEL LAYOUT**



Alternate construction Ruihua SCR

**LEGEND**

- WIRE CONNECTION
- WIRE ON TERMINAL BLOCK
- WIRE IN INTERCONNECT PLUG
- \* OPTIONAL

**NOTES:**

1. ATS SHOWN IN SOURCE 1 POSITION WITH NO POWER AVAILABLE.
2. LEGEND, OPERATION, AND ACCESSORIES: 71A-0900D FOR PRODUCTION ONLY: CPS PLUG-SHEET 2
3. INSIDE DOOR VIEW 70A-0500

**LIMIT SWITCH SCHEMATIC**

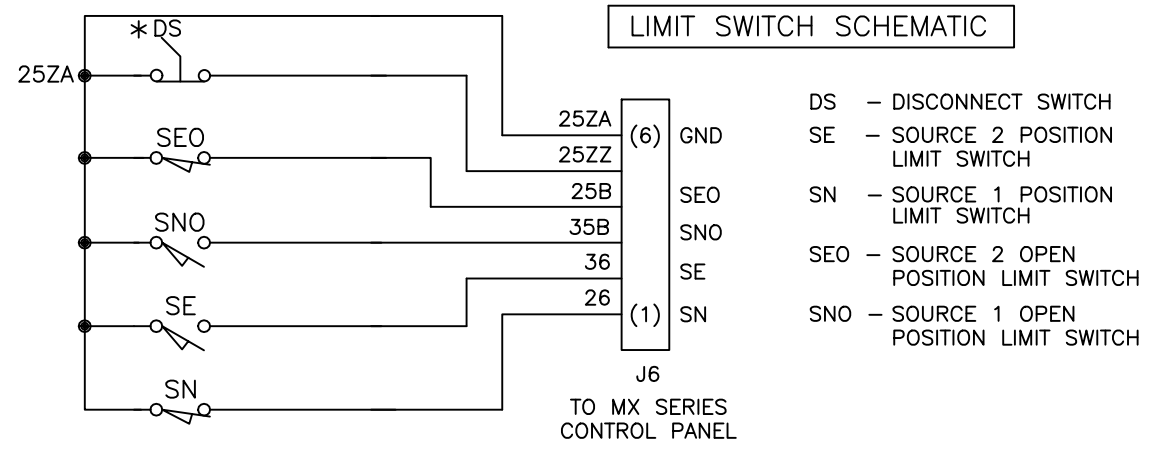


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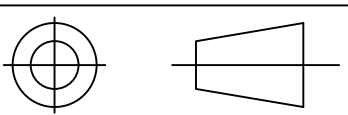
FOR ADDITIONAL INFO REFER TO	SIGNATURES	DATE
APPLIED PRACTICES	MODEL GG	04/15/03
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DETAIL	
TOLERANCES ON:	CHECKED	
2 PL. DECIMALS ± .020	ENGRG VZ	
3 PL. DECIMALS ± .005	MFG	
ANGLES ± 1°	QUALITY	
FRACTIONS ± 1/64	ISSUED	
FINISH	DRAWING FILE: 72a-1001.dwg	
✓	MODEL / ASSEMBLY FILE: ZTSD2 (40-400 AMP)	
AutoCad Generated	# CTQs	⊖ CRITICAL TO QUALITY CHARACTERISTIC



**ATS POWER CIRCUIT & LAYOUT**

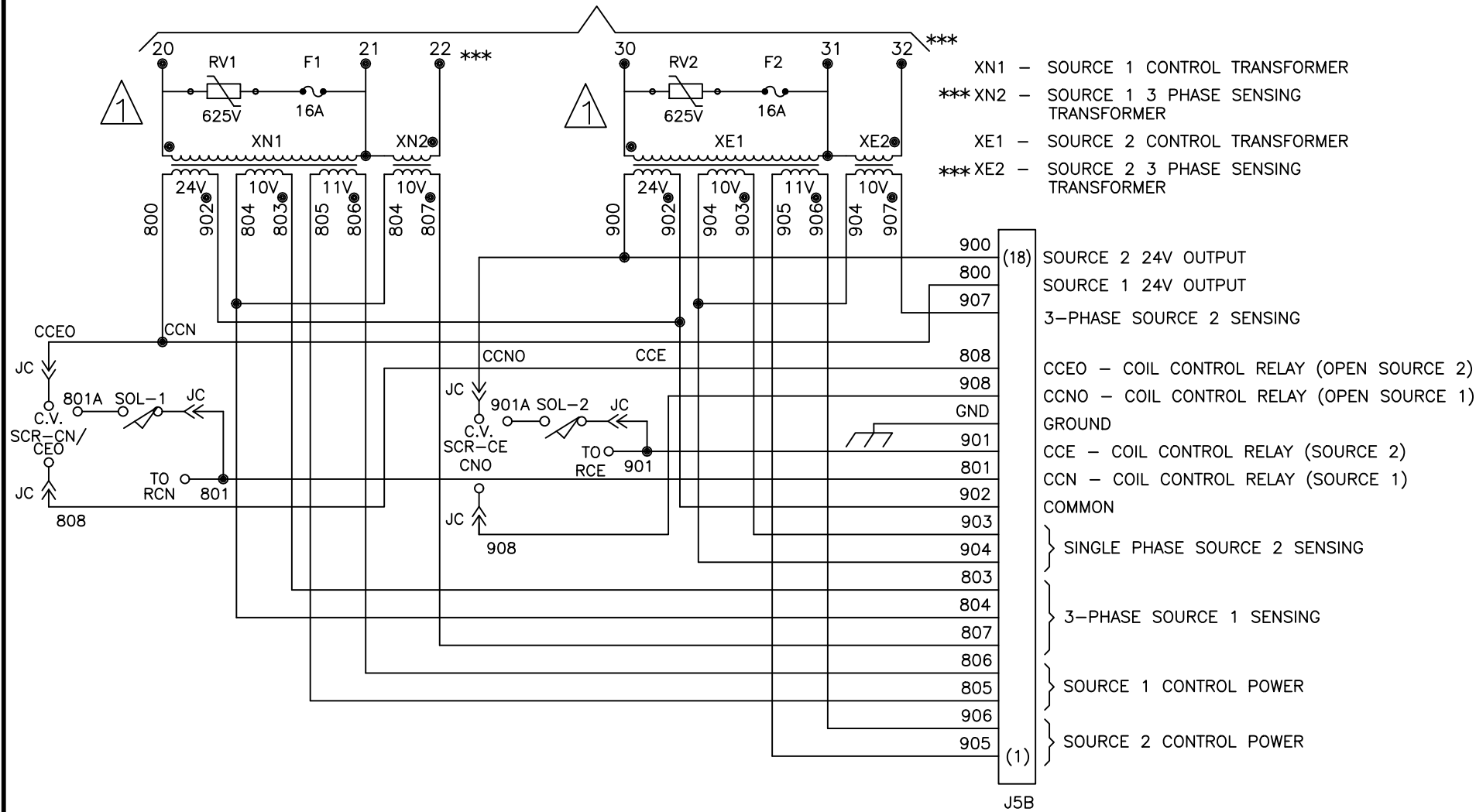
FIRST MADE FOR: ZTSD(2/3/4)(40-400A) 2 POLE  
 SIZE B CAGE CODE DWG NO 72A-1001

SCALE: SHEET 1 of 3

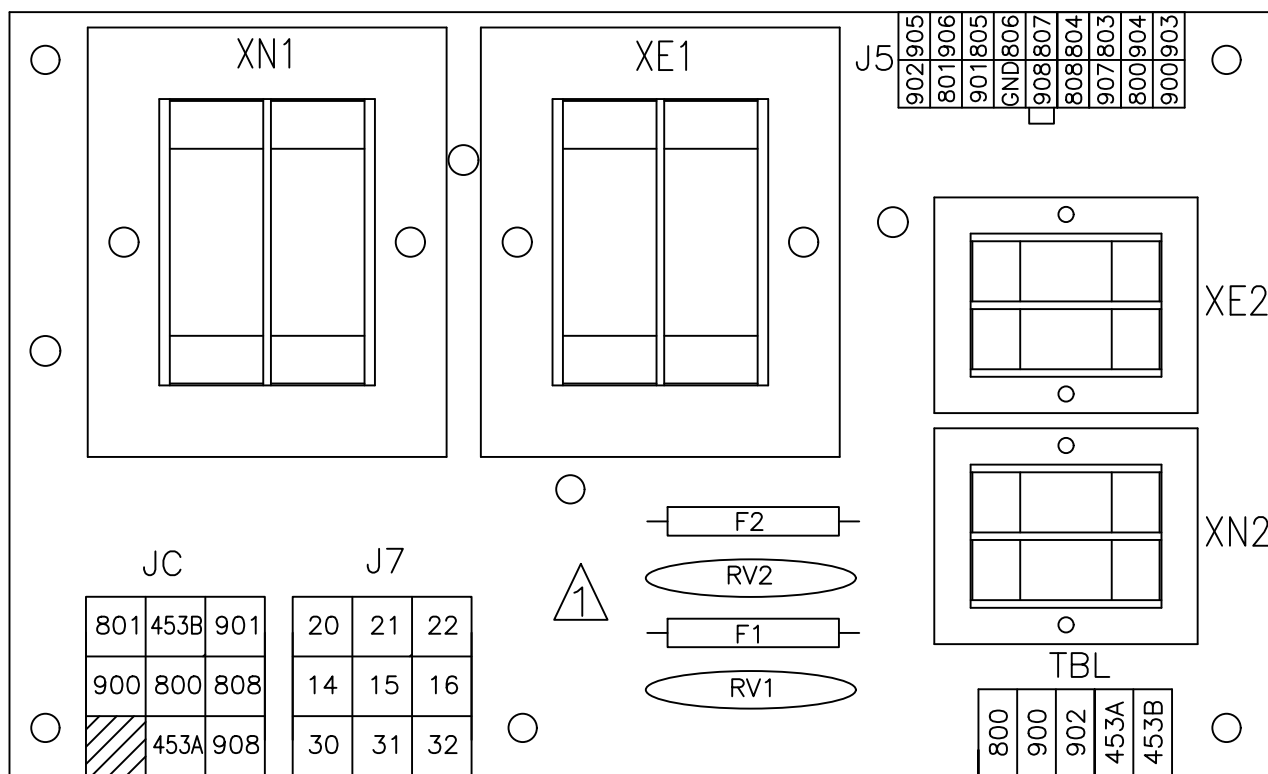


CONTROLS POWER SUPPLY (CPS) SCHEMATIC

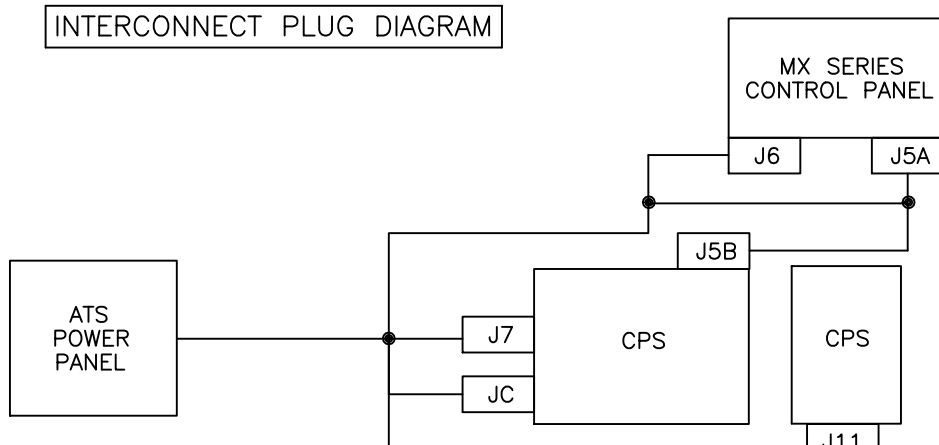
TO POWER CIRCUIT SCHEMATIC - SHEET 1



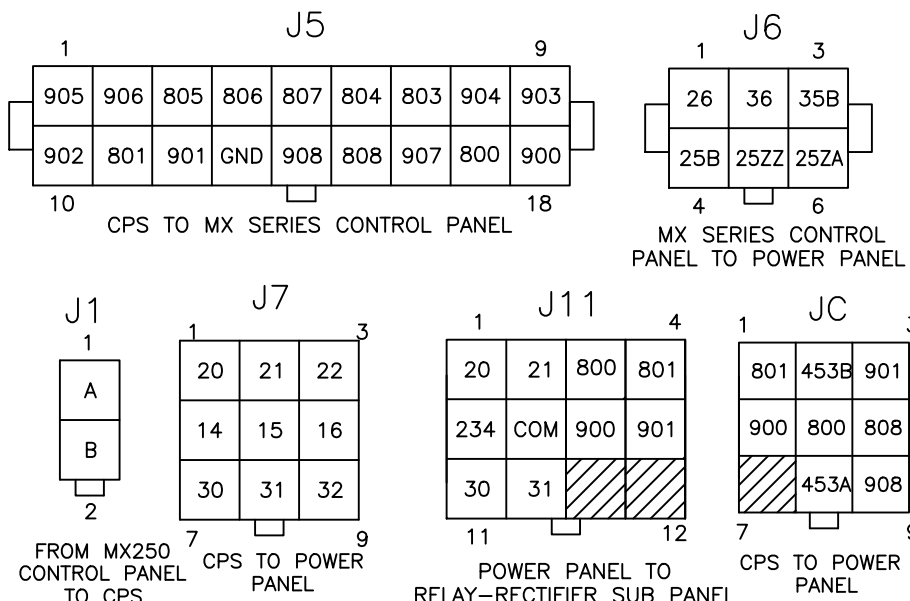
CONTROLS POWER SUPPLY (CPS)



INTERCONNECT PLUG DIAGRAM



INTERCONNECT PLUGS



**LEGEND**  
 ● WIRE CONNECTION  
 \* OPTIONAL  
 \*\*\* WIRE #22 AND #32 REMAIN WIRED IN CPS AND ARE NOT CONNECTED ON ATs POWER PANEL.

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**THIRD ANGLE PROJECTION**

FOR ADDITIONAL INFO REFER TO	SIGNATURES	DATE
APPLIED PRACTICES	MODEL GG	04/09/03
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DETAIL	
TOLERANCES ON:	CHECKED	
2 PL. DECIMALS ± .020	ENGRG FS	
3 PL. DECIMALS ± .005	MFG	
ANGLES ± 1°	QUALITY	
FRACTIONS ± 1/64	ISSUED	
FINISH	DRAWING FILE: 72a-1001.dwg	
✓	MODEL / ASSEMBLY FILE: ZTSD2 (40-400 AMP) 2 POLE	
AutoCad Generated	# CTQs	CRITICAL TO QUALITY CHARACTERISTIC

**ABB**

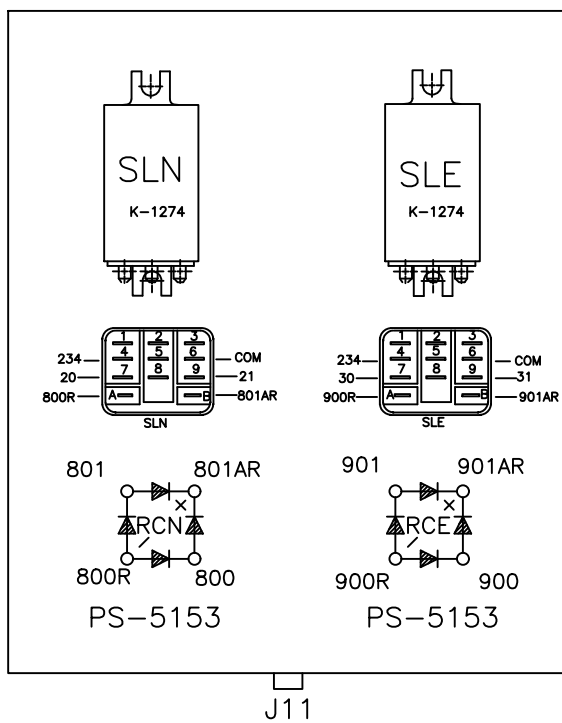
**CONTROLS POWER SUPPLY (CPS) & INTERCONNECT PLUGS**

FIRST MAKE FOR: ZTSD(2/3/4)(40-400AMP) 2 POLE

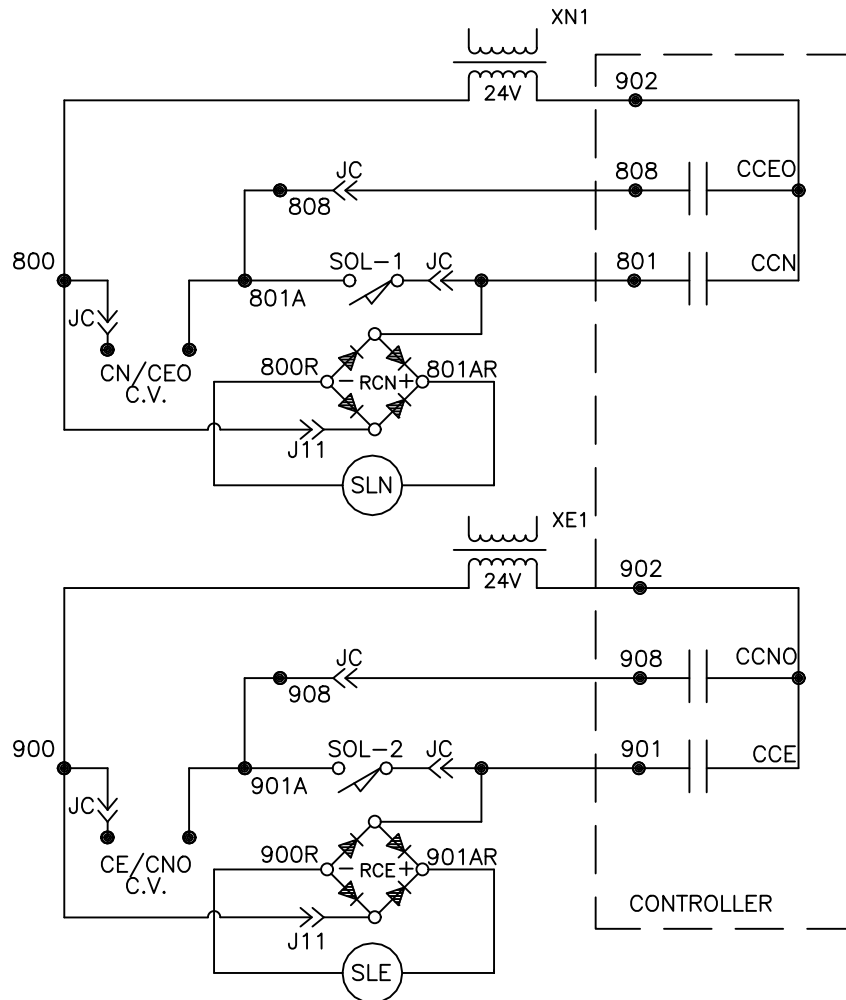
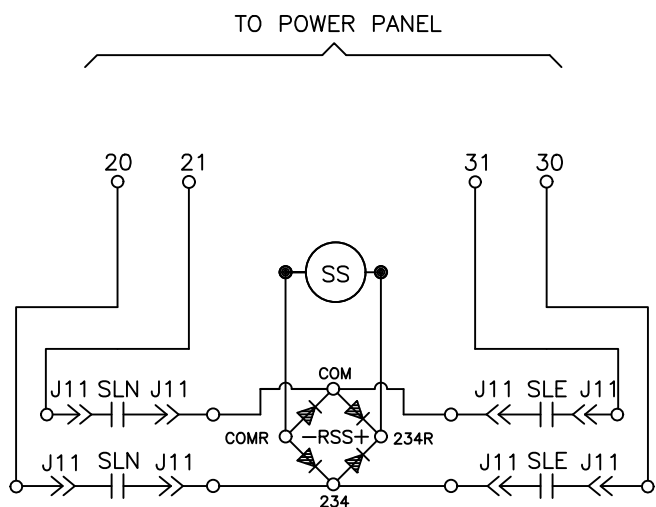
SIZE	CAGE CODE	DWG NO
B		72A-1001

SCALE: SHEET 2 of 3

RELAY RECTIFIER SUB PANEL



DELAY CONTROL CIRCUIT SCHEMATIC



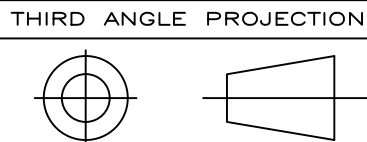
LIMIT SWITCH CHART

X = ACTUATED	ATS LOCATION		
	SOURCE 1	MID POSITION OPEN	SOURCE 2
SN	X		
SNO		X	X
SEO	X	X	
SE			X
SOL1		X (MOMENTARY)	
SOL2		X (MOMENTARY)	

LEGEND

- WIRE CONNECTION
- ⇒ WIRE IN INTERCONNECT PLUG
- \* OPTIONAL

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FOR ADDITIONAL INFO REFER TO	SIGNATURES	DATE
APPLIED PRACTICES	MODEL GG	05/20/02
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DETAIL	
TOLERANCES ON:	CHECKED	
2 PL. DECIMALS ± .020	ENGRG VZ	
3 PL. DECIMALS ± .005	MFG	
ANGLES ± 1°	QUALITY	
FRACTIONS ± 1/64	ISSUED	
FINISH	DRAWING FILE: 72a-1001.dwg	SIZE B
	MODEL / ASSEMBLY FILE: ZTSD2 (40-400 AMP)	CAGE CODE
	# CTQs	DWG NO
AutoCad Generated	⊖ CRITICAL TO QUALITY CHARACTERISTIC	SCALE:



MX BOARD & SUB PANEL

FIRST MADE FOR: ZTSD(2/3/4)(40-400AMP) 2 POLE

SIZE B CAGE CODE DWG NO 72A-1001

SHEET 3 of 3