

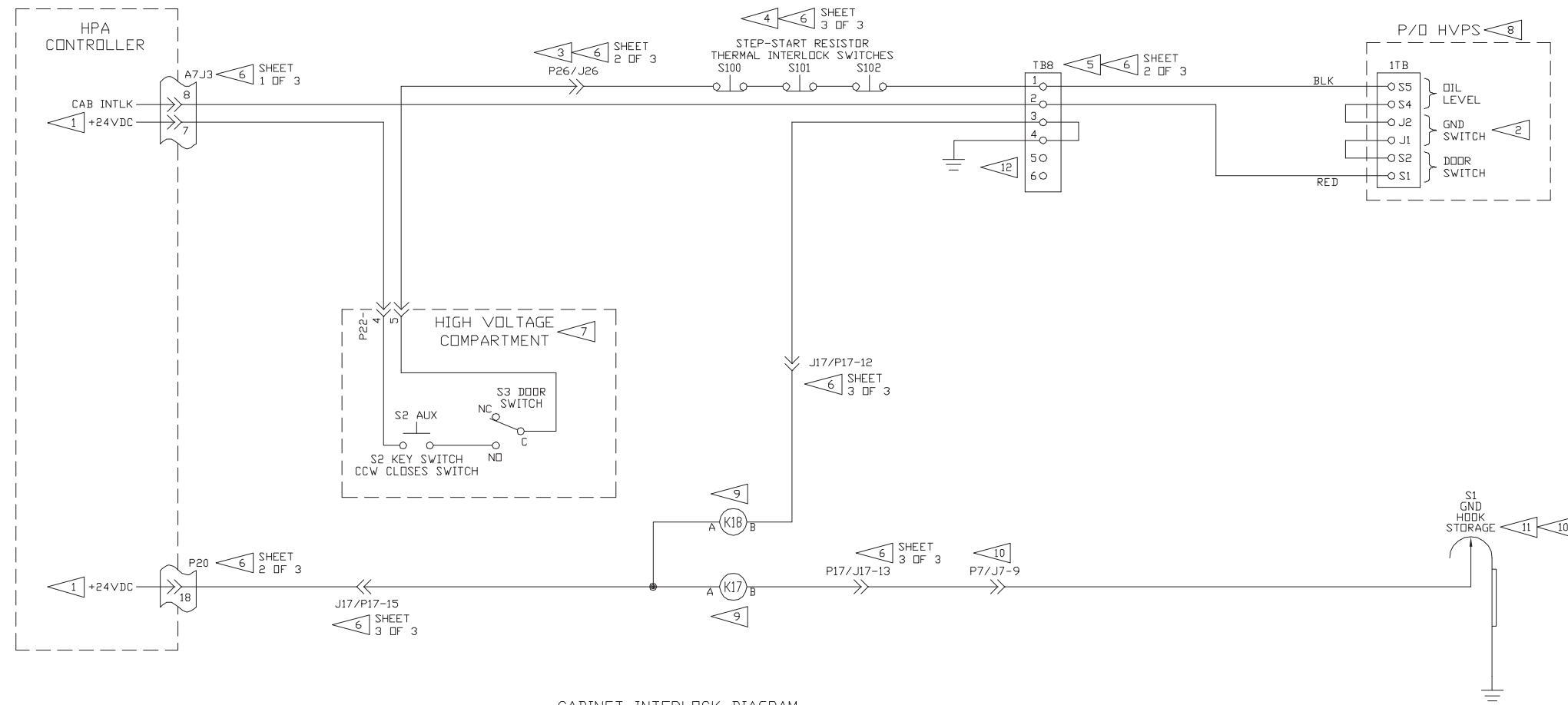
Technical Service Bulletin 070727
IOX / DCX Millennium Cabinet Interlock Diagram

This service bulletin provides a **Cabinet Interlock Diagram** (PN# 453368) to aid an operator in troubleshooting Comark IOX and DCX Millennium transmitter faults. This diagram is a supplement to the technical support documentation provided with your specific transmitter. Use caution and observe all safety guidelines when troubleshooting operational circuits. Please contact the Comark Customer Service Department with any questions related to this document or for additional technical support.

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Attn: Customer Service
www.comarktv.com

(attach 453368 schematic)

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	ENGINEERING RELEASE	7-25-07	RLC



CABINET INTERLOCK DIAGRAM

NOTES:

- 1 +24 VDC SUPPLIED FROM POWER SUPPLY CARD IN HPA CONTROLLER. FUSED PROTECTION FROM F2 (2.5 A PICD FUSE) P/N 606282-01 - LOCATE AND ELIMINATE SHORT BEFORE REPLACING FUSES AND REINSTALLING P.S. CARD. RESISTANCE SHOULD BE AT LEAST 235 OHMS BETWEEN GROUND AND THE SECOND-FROM-BOTTOM PIN ON RIGHT SIDE OF BACKPLANE CONNECTOR WHERE P.S. CARD PLUGS IN.
- 2 GND SWITCH IS THE "GROUNDING STICK STOWED" SWITCH INSIDE THE HVPS.
- 3 J26/P26 IS LOCATED NEXT TO TB8.
- 4 STEP-START RESISTORS THERMAL INTERLOCK SWITCHES LOCATED BEHIND STEP-START SURGE RESISTORS.
- 5 TB8 IS LOCATED TO THE LEFT SIDE OF THE FIRST STEP-START CONTACTOR (K1).
- 6 IDX/DCX1 SCHEMATIC = 451186
MILLENNIUM SCHEMATIC = 46745507-030 } CHAPTER 14 IN HPA TECHNICAL MANUAL
- 7 IDX/DCX1 SCHEMATIC = 452449
DCX1 SCHEMATIC = 451890
MILLENNIUM SCHEMATIC = 452867 } CHAPTER 12 IN HPA TECHNICAL MANUAL
- 8 SEE SITE SPECIFIC SYSTEM INTERCONNECT DRAWING.
- 9 IDX/DCX1 SCHEMATIC = 452237
MILLENNIUM SCHEMATIC = 46745482-030 } CHAPTER 10 IN HPA TECHNICAL MANUAL
- 10 IDX/DCX1/MILLENNIUM = 452245 CHAPTER 14 IN HPA TECHNICAL MANUAL
- 11 GROUND HOOK STORAGE IN IOT CABINET.
- 12 RF INTERLOCK (TB8-5, TB8-6) - PHASE II CABINETS ONLY. SEE SITE SPECIFIC SYSTEM INTERCONNECT DRAWING.

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QTY/VERSION		PARTS LIST	
		ITEM	DESCRIPTION
		-01	
		DRWN	R. COLE 3/2/07
		CHKD	G. DELCAMPD 7/25/07
		ENGR	R. COLE 7/25/07
		ENGR	
		APPD	HSB 7/20/07
		APPD	DMT 7/25/07
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		THOMSON BROADCAST & MULTIMEDIA INC. SOUTHWICK, MASSACHUSETTS	
TOLERANCES ~		CABINET INTERLOCK DIAGRAM	
FRACTIONS		SIZE	CODE IDENT
2 PLACE DECIMALS		D	
3 PLACE DECIMALS		DRAWING NO	
ANGLES		453368	
NEXT ASS'Y.		REVISION	
USED ON		A	
APPLICATION		REMOVE BURRS AND SHARP EDGES	
		YES <input type="checkbox"/> NO <input type="checkbox"/>	
		SCALE	NONE
		JOB NO:	
		SHEET	1 OF 1