

POSITION	DESIGNATION	DESCRIPTION	MANUFACTURER CATALOG NUMBER	MANUFACTURER
FRONT VIEW OF PANEL				
B	LABEL	25kV FEEDER LABEL V43		
B1	LABEL	25kV FEEDER LABEL V44		
1	PNH	PROTECTION NOT HEALTHY LAMP		AC/DC
2	DRFP-EP	DISTANCE PROTECTION RELAY		PROTECTA
3	READY	CIRCUIT BREAKER LAMP (READY)		AC/DC
4	OPEN	CIRCUIT BREAKER LAMP (OPEN)		AC/DC
5	CLOSED	CIRCUIT BREAKER LAMP (CLOSED)		AC/DC
6	CB CONTR	CIRCUIT BREAKER CONTROL SWITCH		KRAUS
7	LOCAL/REMOTE	LOCAL REMOTE SWITCH		KRAUS
8	LAMP TEST	LAMP TEST PUSH BUTTON		AC/DC
9	ARC	AUTO RECLOSE SWITCH		AC/DC
10	VTTB	VOLTAGE TRANSFORMER TEST BLOCK		ALBRO
11	METTB	METERING TEST BLOCK		ALBRO
12	PTTB	PROTECTION TEST BLOCK		ALBRO
13	A	AMMETER		AC/DC
14	ESD	ELECTROSTATIC DISCHARGE CONNECTION		AC/DC
REAR VIEW OF PANEL				
X1				
1	MCB1	MINIATURE CIRCUIT BREAKER (CONTROL)		GE
2	MCB2	MINIATURE CIRCUIT BREAKER (TRIP & ALARMS)		GE
3	MCB3	MINIATURE CIRCUIT BREAKER (INDICATION LIGHTS)		GE
4	MCB4	MINIATURE CIRCUIT BREAKER (PANEL LIGHT)		GE
5	MCB5	MINIATURE CIRCUIT BREAKER (VOLTAGE TRFR)		GE
6	DEHNGUARD	SURGE PROTECTION PHASE TO PHASE		DEHN
7	DEHNGAP	SURGE PROTECTION PHASE TO EARTH		DEHN
8	DEHNGAP	SURGE PROTECTION PHASE TO EARTH		DEHN
9	DEHNGAP	SURGE PROTECTION LIVE - NEUTRAL		DEHN
10	DEHNGAP	SURGE PROTECTION LIVE - EARTH		DEHN
11	DEHNGAP	SURGE PROTECTION NEUTRAL - EARTH		DEHN
X2				
1	ST-X	SUPERVISORY TRIP AUXILIARY RELAY		RELE
2	SC-X	SUPERVISORY CLOSE AUXILIARY RELAY		RELE
3	DCF-X	DC FAIL AUXILIARY RELAY		RELE
4	U/V	110VDC UNDERVOLTAGE RELAY		RHOMBERG
5	PNH-X	PROTECTION NOT HEALTHY AUXILIARY		RELE
6	CH-X	CLOSE INHIBIT AUXILIARY RELAY		RELE
7	VTMCB-X	VOLTAGE TRANSFORMER MINIATURE CIRCUIT BREAKER AUXILIARY		RELE
8	VCB-X	MV CIRCUIT BREAKER OPEN AUXILIARY RELAY		RELE
9	ARC-X	AUTO CLOSE AUXILIARY RELAY		RELE
10	L/R-X	LOCAL REMOTE AUX RELAY		RELE
X3				
	CT & VT	CURRENT & VOLTAGE TRANSFORMER TERMINALS		VIKING
X4				
	CON & IND	220VAC & 110VDC CONTROLS & INDICATIONS TERMINALS		VIKING
X5				
	TELE	TELE CONTROL TERMINALS		VIKING
	DIODE	DIODE BOARD		IST

NOTE:
1. DRAWINGS ARE DEVELOPED BASED ON CURRENT TECHNOLOGY. PLEASE CONTACT TECHNOLOGY MANAGEMENT FOR SITE SPECIFIC DRAWINGS.
2. 1U=44.45 THE SCHEME IS DESIGNED FOR MOUNTING A 19 INCH RACK SYSTEM AS PER IEC 60297
THE MODULE AND BACK PLATE ARE 482.6mm WIDE. THE MODULES IS 600mm DEEP. FEEDER IN BROKEN LINE.

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DIMENSIONS : mm SCALE : -
TOLERANCE : LIN± - ANG± - ITEM NO : -
MATERIAL : -
VERSION INFO : REDRAWN INTO TRANSNET DRAWINGS

23/04/2024

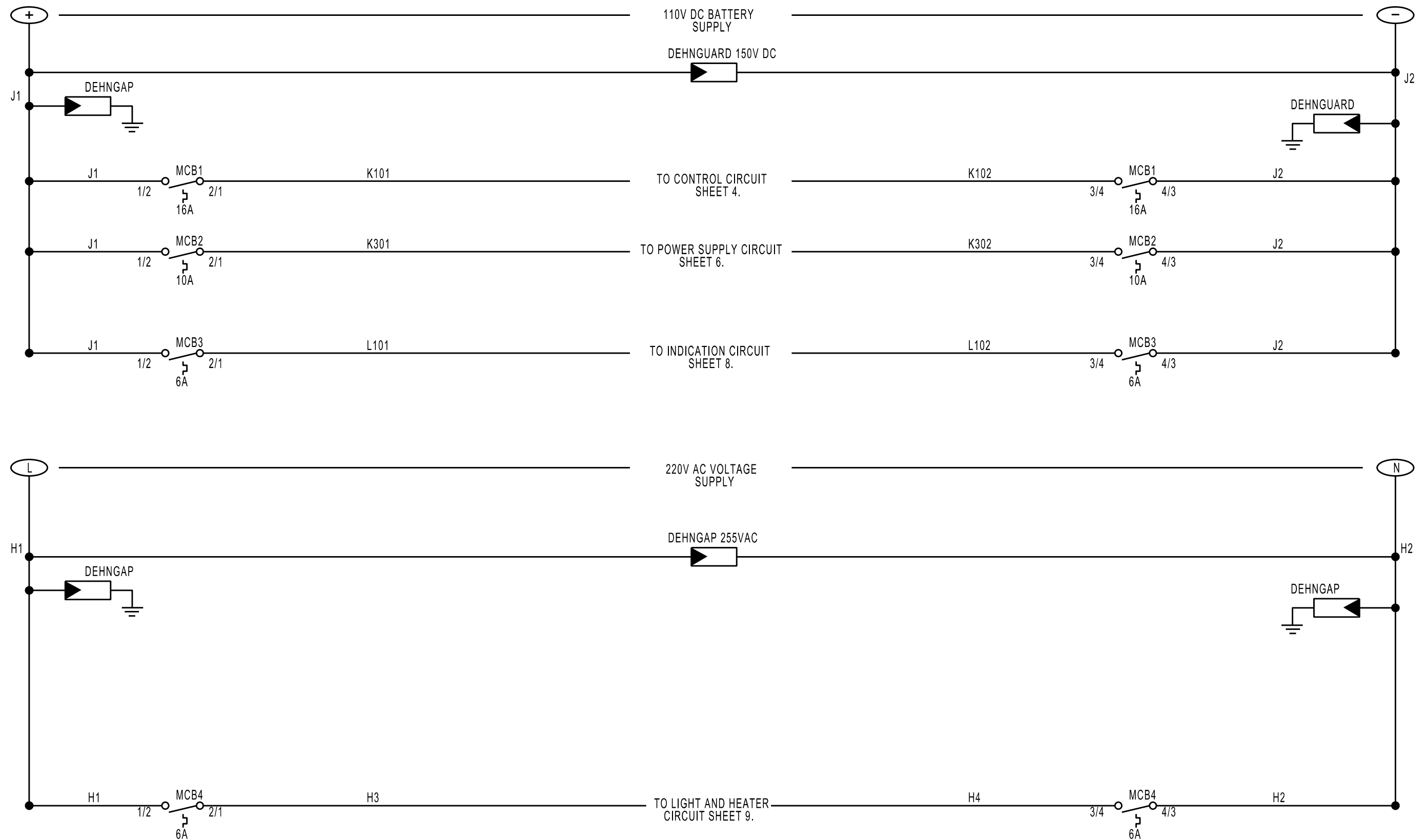
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DUAL FEEDER 25kV RELAY PANEL
EQUIPMENT LAYOUT



BBH6955 SHT 1 OF 9
VERSION 1 A3



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MATERIAL : -
VERSION INFO : REDRAWN

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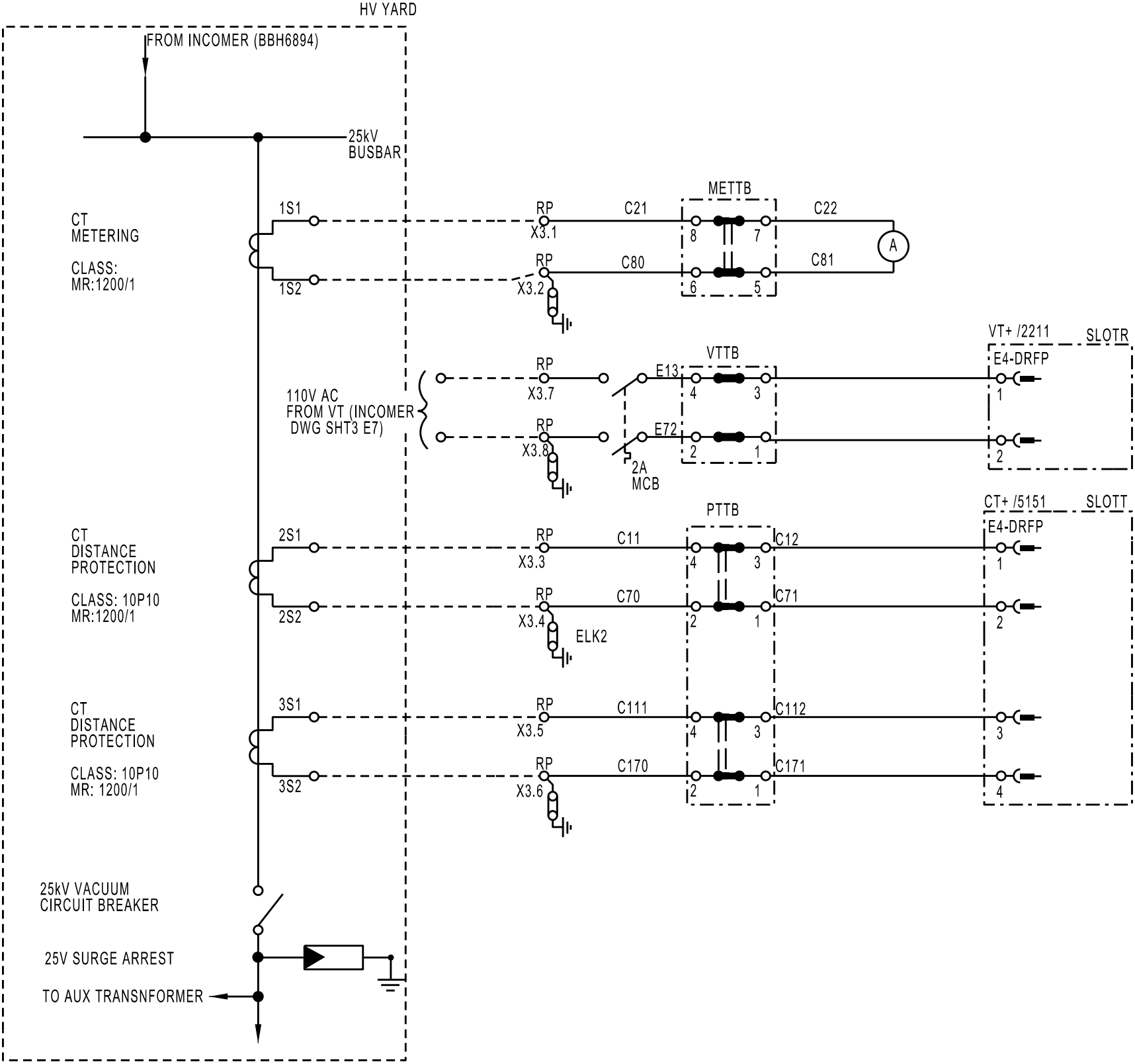
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DUAL FEEDER 25kV RELAY PANEL
AC/DC SUPPLY DIAGRAM

TRANSNET
freight rail

BBH6955 SHT 2 OF 9
VERSION 1

A3



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DIMENSIONS : mm
TOLERANCE : LIN± - ANG± -
MATERIAL : -
VERSION INFO : REDRAWN

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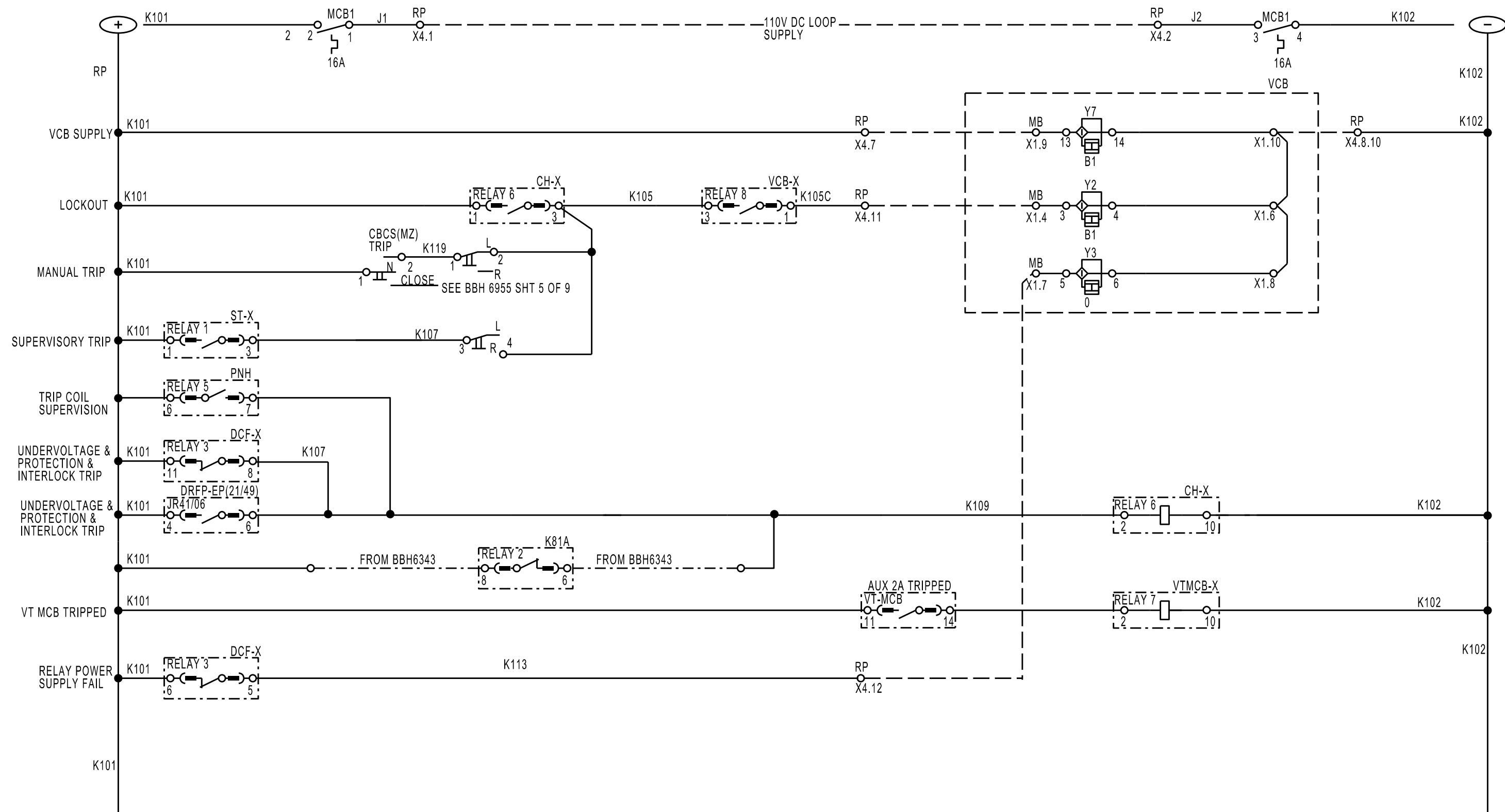
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DUAL FEEDER 25kV RELAY PANEL
AC KEY DIAGRAM

TRANSNET
freight rail

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VERSION 1

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ON BBH 6955 SHT 5 OF 9

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ON BBH 6955 SHT 5 OF 9

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TOLERANCE : LIN± - ANG± - ITEM NO : -
MATERIAL : -
VERSION INFO : REDRAWN

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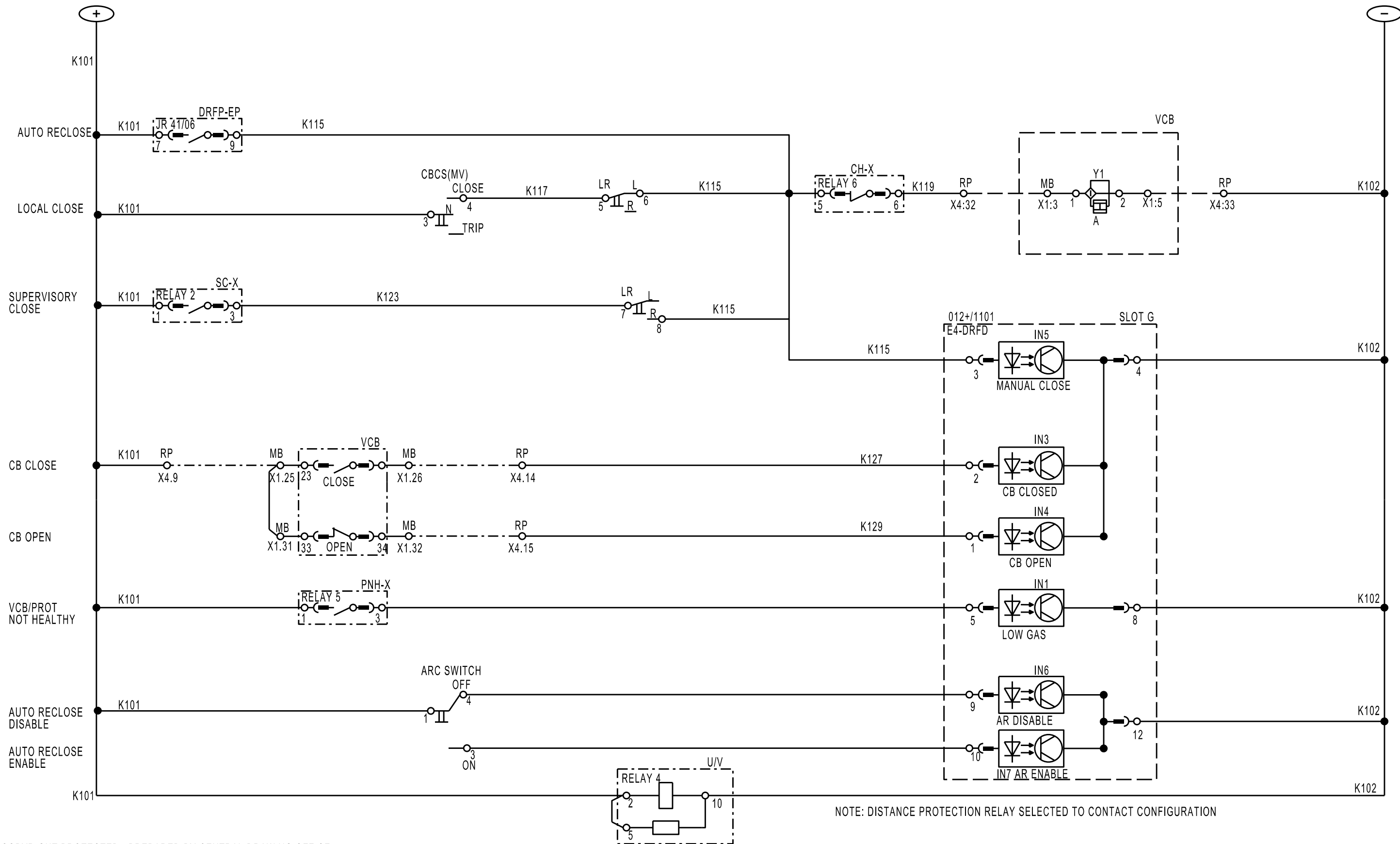
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DUAL FEEDER 25KV RELAY PANEL
TRIP DC LINE DIAGRAM

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VERSION 1



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DIMENSIONS : mm
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MATERIAL : -
VERSION INFO : REDRAWN

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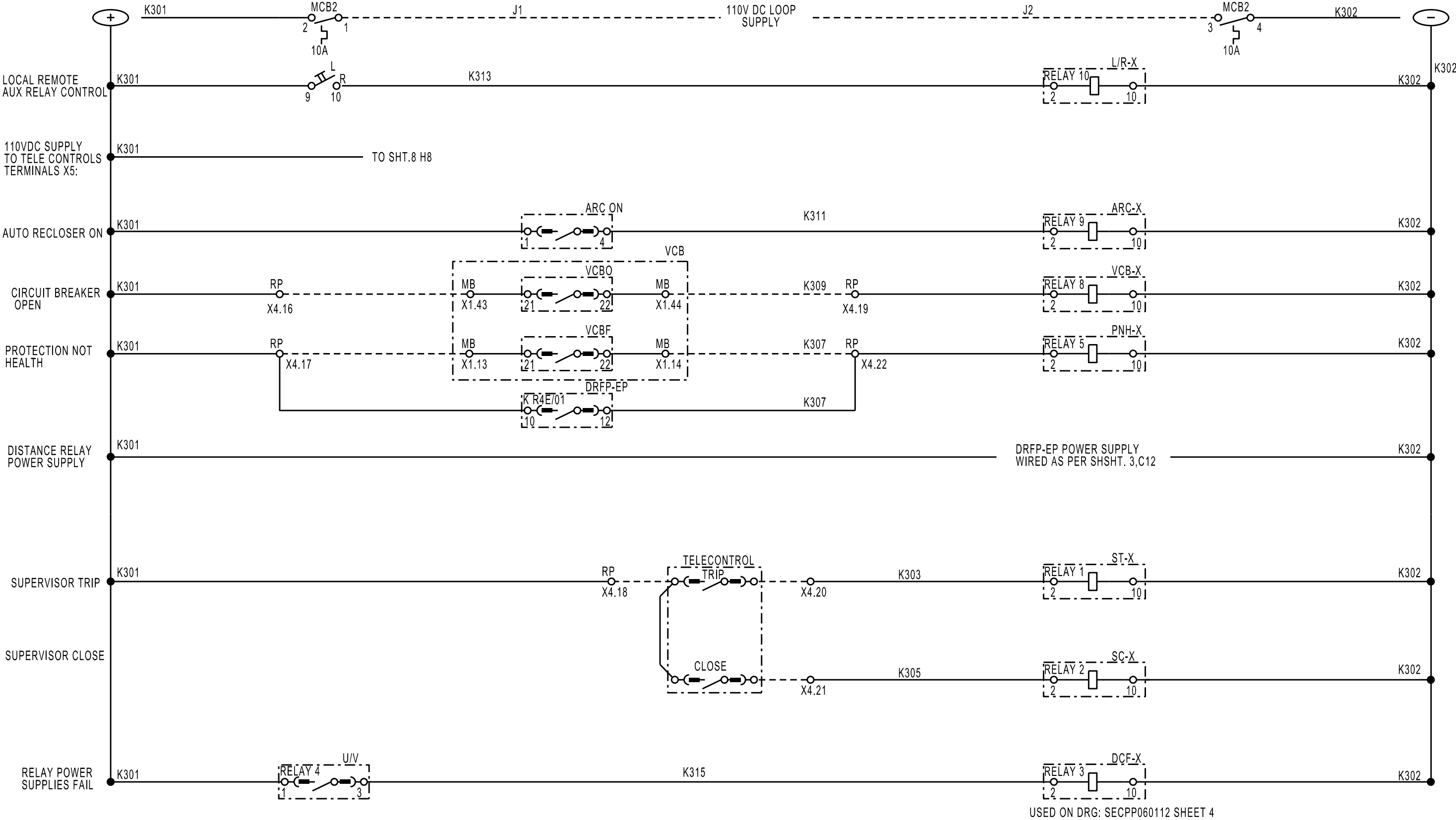
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DUAL FEEDER 25kV RELAY PANEL
CLOSE DC LINE DIAGRAM

TRANSNET
freight rail

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VERSION 1

A3



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DIMENSIONS : mm
TOLERANCE : LIN± - ANG± -
MATERIAL : -
VERSION INFO : REDRAWN

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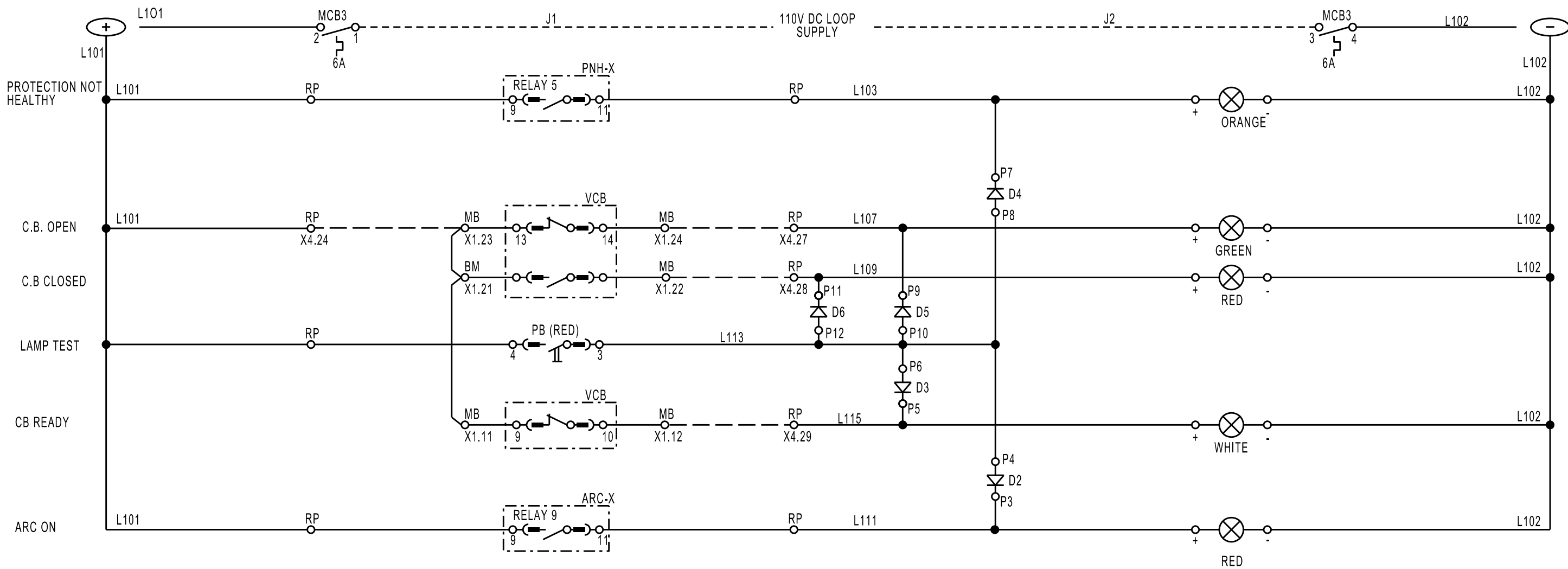
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DUAL FEEDER 25kV RELAY PANEL
TRIP AND ALARMS DC DIAGRAM

TRANSNET
freight rail

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VERSION 1



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DIMENSIONS : mm SCALE : -
TOLERANCE : LIN± - ANG± - ITEM NO : -
MATERIAL : -
VERSION INFO : REDRAWN

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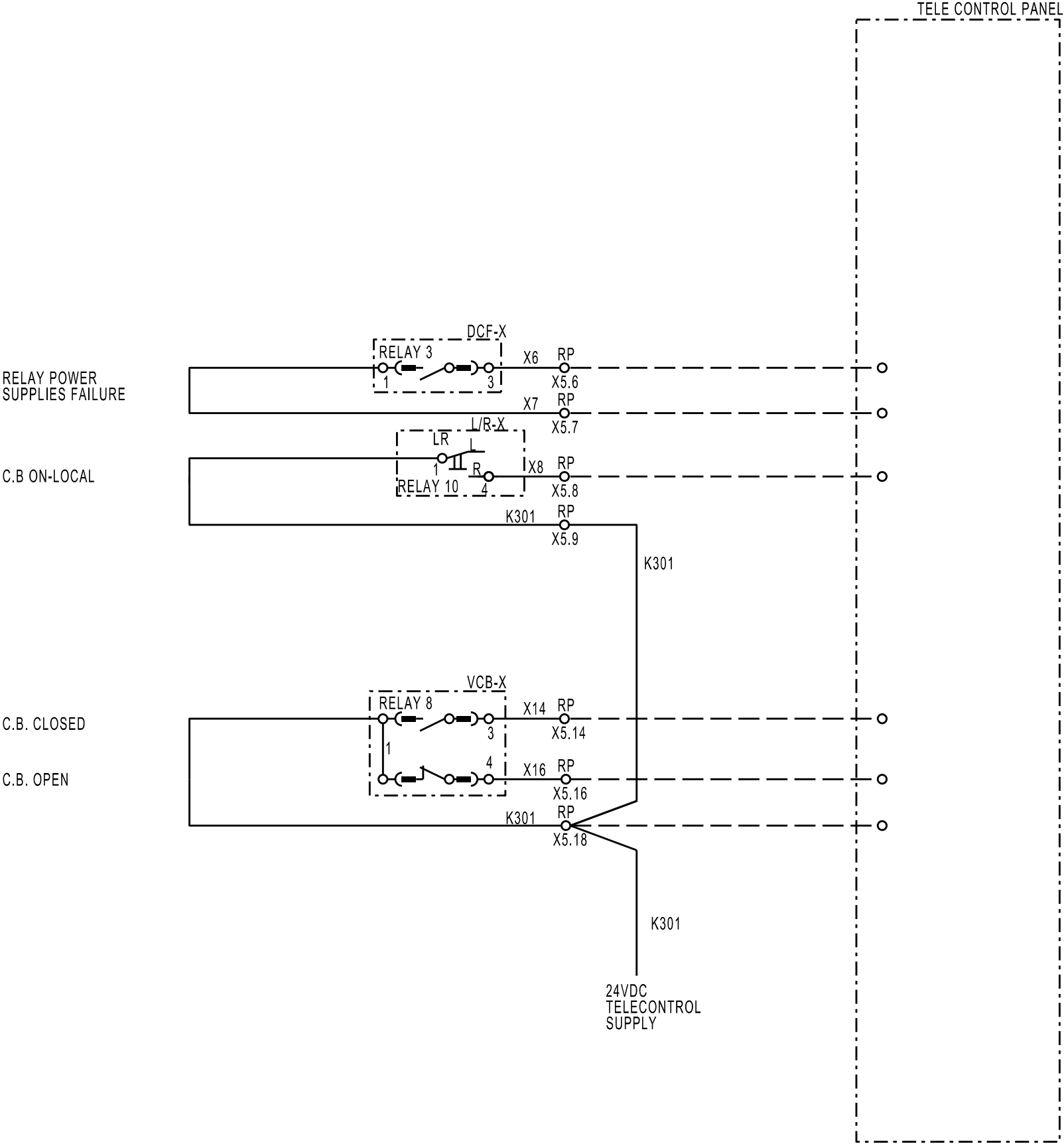
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DUAL FEEDR 25kV RELAY PANEL
INDICATION DC KEY DIAGRAM

TRANSNET
freight rail

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VERSION 1



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MATERIAL : -
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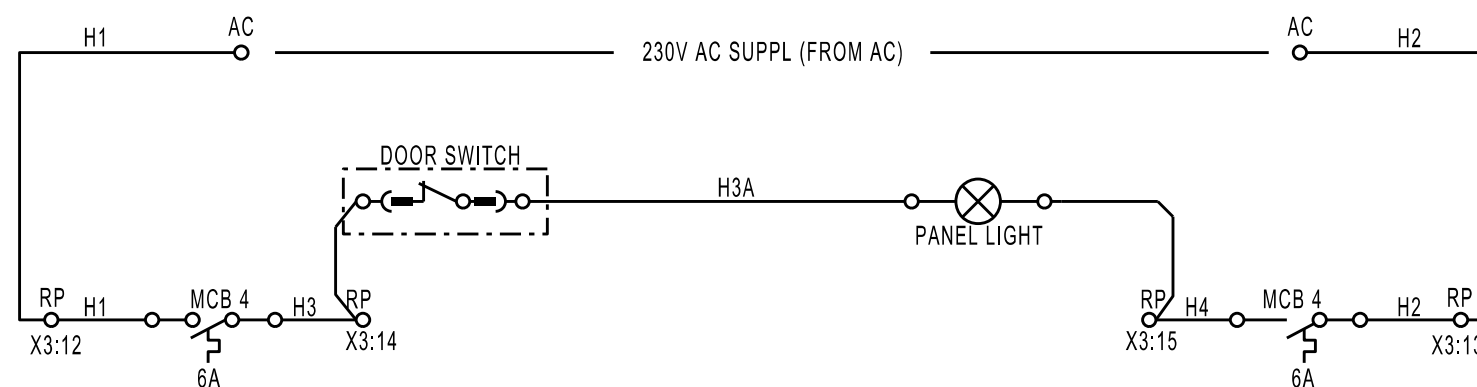
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DUAL FEEDER 25kV RELAY PANEL
SUPERVISORY DIAGRAM

TRANSNET
freight rail
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VERSION 1 A3



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DIMENSIONS	: mm	SCALE	: -
TOLERANCE	: LIN \pm - ANG \pm -	ITEM NO	: -
MATERIAL	: -		
VERSION INFO	: REDRAWN		

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DUAL FEEDER 25kV RELAY PANEL LIGHT DIAGRAM



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VERSION 1 A3