

REACTOR AREA

REACTOR AREA				D234-R-HI				MOTOR CONTROL CENTER				20B22-2C				LOCATION: REACTOR ENCL. EL. 201'-0"						
REC ONLY NO.	NAMEPLATE (STYLE 2) ①		SCHEME NO.	LOAD HP	FLA — LRA	TYPE AND MATERIAL	FRAME AND CONT. ASS'Y	TM TRIP	CIRCUIT BREAKER					STARTER				WIRE SIZE CCT. SIZE	CONTROL LOCATIONS	SCHEMATIC DRAWING NO.	SPECIAL FEATURES SEE NOTE	
	LINE 1 SERV. DESCRIPTION	LINE 2 UNION NO. EXT. SER. NO.							MAGNETIC TRIP			INTERNAL CURRENT LIMITER		MFG. SIZE	TYPE USED ADJUSTMENT	AUXILIARY CONTACTS						OVERLOAD WEATING ②
									RANGE AMP	SETPOINT AMP	POB	TYPE	CAT. NO.			B.L.	H.C.					
1A	VIBRATOR DRIVE VVVV V		2CB22101	13 100	0.45 3.15	IM	HFB25	-	66-190	66	LO	-	-	I	FVR	2	I	HI107/HI	#10 120VA	C601	E-358	③
1B	VIBRATOR DRIVE VVVV V		2CB22102	13 100	0.45 3.15	IM	HFB25	-	66-190	66	LO	-	-	I	FVR	2	I	HI107/HI	#10 120VA	C601	E-394	③
1C	VIBRATOR DRIVE VVVV V		2CB22103	13 100	0.45 3.15	IM	HFB25	-	66-190	66	LO	-	-	I	FVR	2	I	HI107/HI	#10 120VA	C601	E-394	③
2A	SUPPLY PUMP TO B&H HYDROLYSE OIL		2CB22104	13 100	0.45 3.15	IM	HFB25	-	66-190	66	LO	-	-	I	FVR	2	I	HI107/HI	#10 120VA	C601	E-388	③
2B	MAIN SUPPLY LINE VPPAK		2CB22105	13 100	0.45 3.15	IM	HFB25	-	66-190	66	LO	-	-	I	FVR	2	I	HI107/HI	#10 120VA	H541-240	E-394	③
2C	MAIN SUPPLY LINE VPPAK		2CB22106	7 10	1.21 10	IM	HFB25	-	66-190	66	LO	-	-	I	FVR	2	I	HI117/HI	#10 120VA	H541-242	E-394	③
2D	FEEDBACK LINE VPPAK		2CB22107	13 100	0.45 3.15	IM	HFB25	-	66-190	66	LO	-	-	I	FVR	2	I	HI107/HI	#10 120VA	C601	E-394	③
3A	FEEDBACK LINE VPPAK		2CB22108	13 100	0.45 3.15	IM	HFB25	-	66-190	66	LO	-	-	I	FVR	2	I	HI107/HI	#10 120VA	C601	E-394	③
3B	SPACE (BLANK)																					
3C	SPACE (BLANK)																					
3D	SPACE (BLANK)																					
4B	SPACE (BLANK)																					
4A	AUXILIARY POWER		2CB22115	120VA	1.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	E-449	④
4C	SPACE (BLANK)																					
5	FEEDBACK LINE VPPAK																					
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ABBREVIATIONS

TM - THERMAL MAGNETIC
IM - INSTANTANEOUS MAGNETIC
TMCL - THERMAL MAGNETIC WITH
CURRENT LIMITING FUSE
FVNR - FULL VOLTAGE NON-REVERSING
FVR - FULL VOLTAGE REVERSING

REFERENCE DRAWINGS

- | | |
|------------------|---|
| ① #8031-E-11-325 | CH-UNITROL MCC TAB DWG 20B221 |
| ② #8031-E-11-326 | CH-UNITROL MCC TAB DWG 20B222 |
| ③ #8031-E-29 | SINGLE LINE METER AND RELAY
DIAGRAM D214, D224, D234, D244
SAFEGUARD L.C. |

NOTES:

- ① STYLE 2 NAMEPLATE 15 1" x 2 1/2" IN SIZE WITH 10' LETTERS, 10 PER LINE.
- ② OVERLOAD HEATER, CH TYPE ST-EUTECTIC ALLOY CAT NO. AS INDICATED IN OVERLOAD HEATER COLUMN IS FIELD PURCHASED AND INSTALLED.
- ③ FOR ADDITIONAL DEVICES (UNDER VOLTAGE RELAY) REFER TO ABOVE NOTED SCHEMATIC DRAWINGS.
- ④ FOR SPECIAL FEATURES INCLUDING FUSES, RELAYS, TERMINAL BLOCKS AND SEPARATION REQUIREMENTS REFER TO ABOVE NOTED SCHEMATIC DRAWINGS.
- ⑤ TRIP SETTING SHOWN IS PRELIMINARY. FINAL TRIP SETTING SHALL BE DETERMINED BY FIELD.
- ⑥ MOTOR SECTOR FACTOR 1.0, OVERLOAD HTR SIZE IS ONE SIZE SMALLER THAN STANDARD.

1	2	3	4
CABLE ENTRY	2A HV57- 266	3A HV59- 242	4A ANN AUX RELAY
1A HV46- 225	2B HV41- 240	3B SPACE	4B
1B HV46- 227	2C HV41- 242	3C SPACE	SPACE
1C HV57- 265	2D HV59- 240	3D SPACE	4C

MCC 2QB221ZC
(D234-R-H1)

1	2	3	4
1A HV46- 226	2A HV57- 269	3A HV59- 243	4A ANN AUX RELAY
1B HV46- 228	2B HV41- 241	3B SPACE	4B HV57- 267
1C SPACE	2C HV41- 243	3C SPACE	4C SPACE
1D SPACE	2D HV59- 241	3D SPACE	
CABLE ENTRY			

MCC 20B222ED

KEY LAYOUT

[illegible]

APERTURE
CARD

[illegible]

4	3/4/85	REVISED PER PCN # 6396N
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INCORP. DCN# 1

REVISION

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82822483NN

PDR RIDS

