



C9 Capacitor	K11 Contactor, Reconnecting
CB1 Circuit Breaker	K12 Contactor, Reconnecting
CR11, 12, 13 Rect. 1N3460	L8 Choke B-673
CR14, 15, 16 Rect. 1N3260	M1 Voltmeter, Input
CR20, 21 Bridge Rect.	M2 Hour Meter
CR22 Rectifier 1N5552	M3 Frequency Meter
CR22, 23 Rect. 1N1204A	M4 Voltmeter, Output
CT1, 2, 3 Current Transformer	M5 Ammeter, Output
CT4, 5 Current Xfmr. B-660	R10 Resistor 2kΩ 25W
CT6, 7, 8 Current Transformer	R19 Resistor 500Ω 25W
FU1, 2, 5 Fuse 5 AMP	R20 Resistor 10Ω 80W
FU3 Fuse, Recept. 15 AMP	R21 Resistor 200Ω 35W
FU4 Fuse, Recept. 10 AMP	R22 Resistor 4Ω 5W
FU6 Fuse 15 AMP	R23 Resistor 500Ω 3W
J1, P1 Connector, Control	S1 Switch, 60 Hz Recept.
J2, P2 Connector, Regulator	S2 Switch, 400 Hz Recept.
J3 Recept. 120 V 60 Hz	S3 Switch, VM-AM Select
J4 Recept. 120 V 400 Hz	S4 Switch, Start PB
J5 Recept. 60 Hz O/UV Relay	S5 Switch, Stop PB
J6 Recept. 400 Hz O/UV Relay	S6 Switch, On PB
K1 Motor Starter	S7 Switch, Off PB
K2 O/U Volt Relay 60 Hz	S8 Overload, Motor
K3 Time Sequence Relay	S9 Overload, Generator
K4 Field Boost Relay	S10 Switch, External DC Power
K5 Excitation Contactor	S11 Switch, Electronic
K6 O/U Volt Relay 400 Hz	SCR3 Silicon Controlled Rectifier
K8 Output Contactor	T3 Transformer, Power 14565
K9 Field Flash Cutout Relay	
K10 Contactor, Running	
Kurz & Root Co.	Schematic Diagram MD3
Drawn gBA Approved HBRF	14486

- TB1 Input
- ◇ TB2 Reconnection
- TB3 Output
- ⬡ TB4 Field Flash
- ⊗ TB5 Control
- △ T3 Transformer