DWG NO	SHEET	REV
7818E010	1 of 1	10

NEXT ASSEMBLY

REVISION HISTORY

REV	DESCRIPTION	ECN	DATE	BY	APPROVED
K	UPDATE ALARM TERMINALS	4642	11/5/2004	RPB	
H	UL 508A CHANGES	3991	12/26/2002	RPB	
J	Correct Fault Wiring	4389	3/30/2004	RPB	

STANDARD TRANSFORMER SETTINGS	
LINE VOLTAGE	TAPS
208	H1–H2
220–240	H1–H3
440–480	H1–H4

OPTIONAL TRANSFORMER SETTINGS	
LINE VOLTAGE	TAPS
575	H1–H4
415	H1–H3
380	H1–H2

CONTROL BOX FUSING
USE ONLY RECOMMENDED VALUES FOR REPLACEMENT

DEVICE	VOLTAGE	CURRENT RATING
F1	–	1 AMP
F2	–	2 AMP
F3	208–240 380–575	1 AMP CC .5 AMP CC
F4	208–240 380–575	1 AMP CC .5 AMP CC
CB1	380–415	1 AMP

OVERLOAD RELAY SETTING
USE ONLY RECOMMENDED SETTING

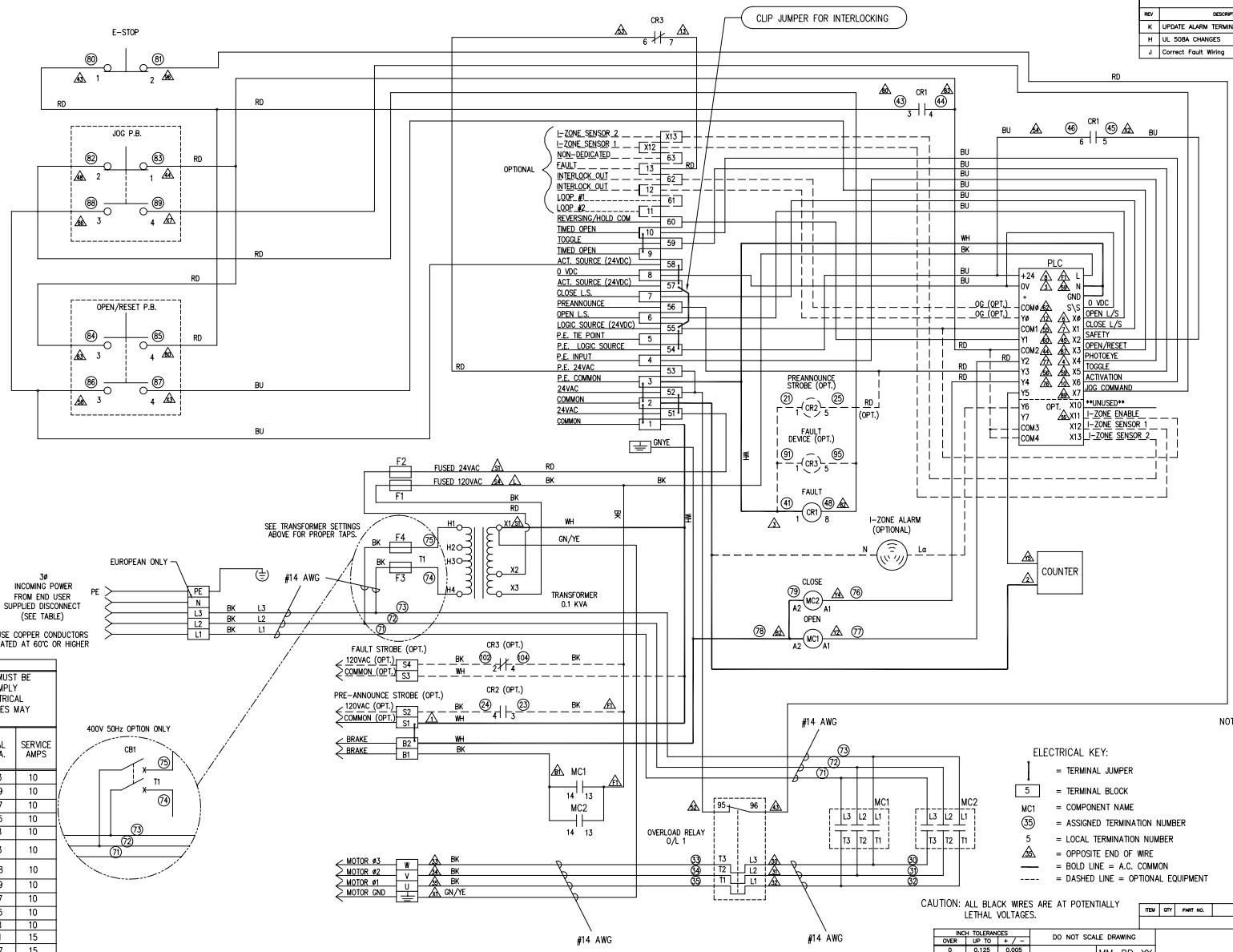
MODEL	VOLTAGE	SETTING
8910 (1 HP)	208	3.8 AMPS
	230–240	3.7 AMPS
	380–415	2.1 AMPS
	440–480	1.8 AMPS
	575	1.5 AMPS
8920 (1 HP OR 1.5 HP)	208 SIZE =< 144 SQ. FT.	3.8 AMPS
	208 SIZE > 144 SQ. FT.	4.2 AMPS
	230–240	3.7 AMPS
	380–415	2.1 AMPS
	440–480	1.8 AMPS
	575	1.5 AMPS
8920PL (2 HP)	208	6.9 AMPS
	230–240	6.3 AMPS
	380–415	3.6 AMPS
	440–480	3.2 AMPS
	575	2.5 AMPS

BRAKE RATINGS	
TORQUE	7.5 FT LB 10 Nm
COIL VOLTAGE	105 VDC
COIL OHMS	328 OHMS

BRANCH CIRCUIT PROTECTION

NOTE: BRANCH CIRCUIT PROTECTION MUST BE SUPPLIED BY THE END USER AND COMPLY WITH ALL NATIONAL AND LOCAL ELECTRICAL CODES. SIZING FOR PROTECTIVE DEVICES MAY BE BASED ON INTERMITTENT DUTY.

MODEL	VOLTAGE	MOTOR F.L.A.	TOTAL F.L.A.	SERVICE AMPS
8910 (1 HP)	208	3.65	4.13	10
	230–240	3.65	4.09	10
	380–415	2.10	2.37	10
	440–480	1.83	2.05	10
	575	1.50	1.68	10
8920 (1 HP OR 1.5 HP)	208 SIZE =< 144 SQ. FT.	3.65	4.13	10
	208 SIZE > 144 SQ. FT.	4.20	4.68	10
	230–240	3.65	4.09	10
	380–415	2.10	2.37	10
	440–480	1.83	2.05	10
	575	1.50	1.68	10
8920PL (2 HP)	208	6.33	6.81	15
	230–240	6.33	6.77	15
	380–415	3.64	3.90	15
	440–480	3.17	3.40	15
	575	2.45	2.62	15



SCREW TERMINAL MIN TORQUE SETTING		
COMPONENT	TORQUE (IN–LBS)	DRIVER SETTING
CONTACTOR	20	6
DISCONNECT	20	6
INTERLOCK	20	6
INVERTER	20	6
OVERLOAD	20	6
TRANSFORMER	20	6
TERMINALS	12	5
RELAYS	12	5
PLC (RH/AB)	10/5	4/2

TORQUE INSTRUCTIONS:
1. TIGHTEN TO RECOMMENDED MIN TORQUE SETTING.
2. PULL TEST ALL WIRES.
3. IF WIRE PULLS OUT, TORQUE AGAIN TO MINIMUM VALUE, GENTLY HAND TIGHTEN UNTIL WIRE CANNOT BE PULLED LOOSE.

INSTALLED OPTIONAL COMPONENTS

- ❑ INDUCTION LOOP CONTROLLER
- ❑ INTERLOCK WIRING
- ❑ PREANNOUNCE TO CLOSE (CR2)
- ❑ PREANNOUNCE TO OPEN (CR2)
- ❑ FAULT WARNING (CR3)
- ❑ I–Zone

RHC# _____

SERIAL# _____

NOTE: OPTIONAL DEVICES WILL ONLY BE CHECKED ON THE WIRING DIAGRAM INCLUDED WITH THE CONTROL BOX.

NOTE: ALL D.C. CONTROL (24 VOLTS) WIRES ARE BLUE. ALL A.C. (24 VAC) CONTROL WIRES ARE RED. ALL CONTROL CIRCUITS ARE GROUND REFERENCED.

ALL WIRE IS 18 AWG UNLESS NOTED.

WIRE HARNESS SHOULD MEET THE FOLLOWING SPECIFICATIONS:

UL R/C (AVLV2) / CSA CERT.
AWM/MTW, 18 GAGE MIN. UNLESS NOTED.
80°C MIN. 600V

ELECTRICAL KEY:

- = TERMINAL JUMPER
- 5 = TERMINAL BLOCK
- MC1 = COMPONENT NAME
- 35 = ASSIGNED TERMINATION NUMBER
- 5 = LOCAL TERMINATION NUMBER
- 35 = OPPOSITE END OF WIRE
- —— = BOLD LINE = A.C. COMMON
- - - - = DASHED LINE = OPTIONAL EQUIPMENT

CAUTION: ALL BLACK WIRES ARE AT POTENTIALLY LETHAL VOLTAGES.

BACKPANEL P/N: 1226.XXXX
CONTROL BOX P/N: 1731.XXXX (OPTIONAL)

ITEM	QTY	PART NO.	DESCRIPTION

PARTS LIST / MATERIAL

SCOPE: THIS DRAWING APPLIES TO ALL STANDARD TRAKLINE DOORS SHIPPED.

VERIFY THAT THIS DRAWING HAS NOT BEEN SUPERCEDED BY NEWER REVISION. ABOVE APPLIES ONLY WHEN DRAWING IS CURRENT.

PRIOR: 7818–E–010 REV. C

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INCH TOLERANCES		
OVER	UP TO	+ / –
0	0.125	0.005
0.125	0.25	0.010
0.25	1.25	0.020
1.25	5	0.030
5	15	0.040
15	40	0.060
40	80	0.100
80	–	0.125
ANGLES	+/– 1 DEG	
FINISH		

DO NOT SCALE DRAWING

		MM–DD–YY
DRAWN BY	RPB	DATE 11/14/1995
CHECKED BY		DATE
APPROVED BY		DATE
INITIAL ECN	2961	
DATE ISSUED	10/2/2000	
REF		

RITE–HITE® DOORS INC.

TITLE: TRAKLINE – ROLL & FOLD WIRING DIAGRAM DOMESTIC & INTERNATIONAL

SIZE	MODEL NUMBER	DWG NO	REV
D	8910/8920/8920PL	7818E010	K
SCALE 9"=1'	PART # SEE ABOVE	SHEET 1 of 1	