NEXT ASSEMBLY	FINAL ASSEMBLY
7818E010	8910/20

DWG NO 7818E021 | SHEET 1 of 1 | REV 6

REVISION HISTORY

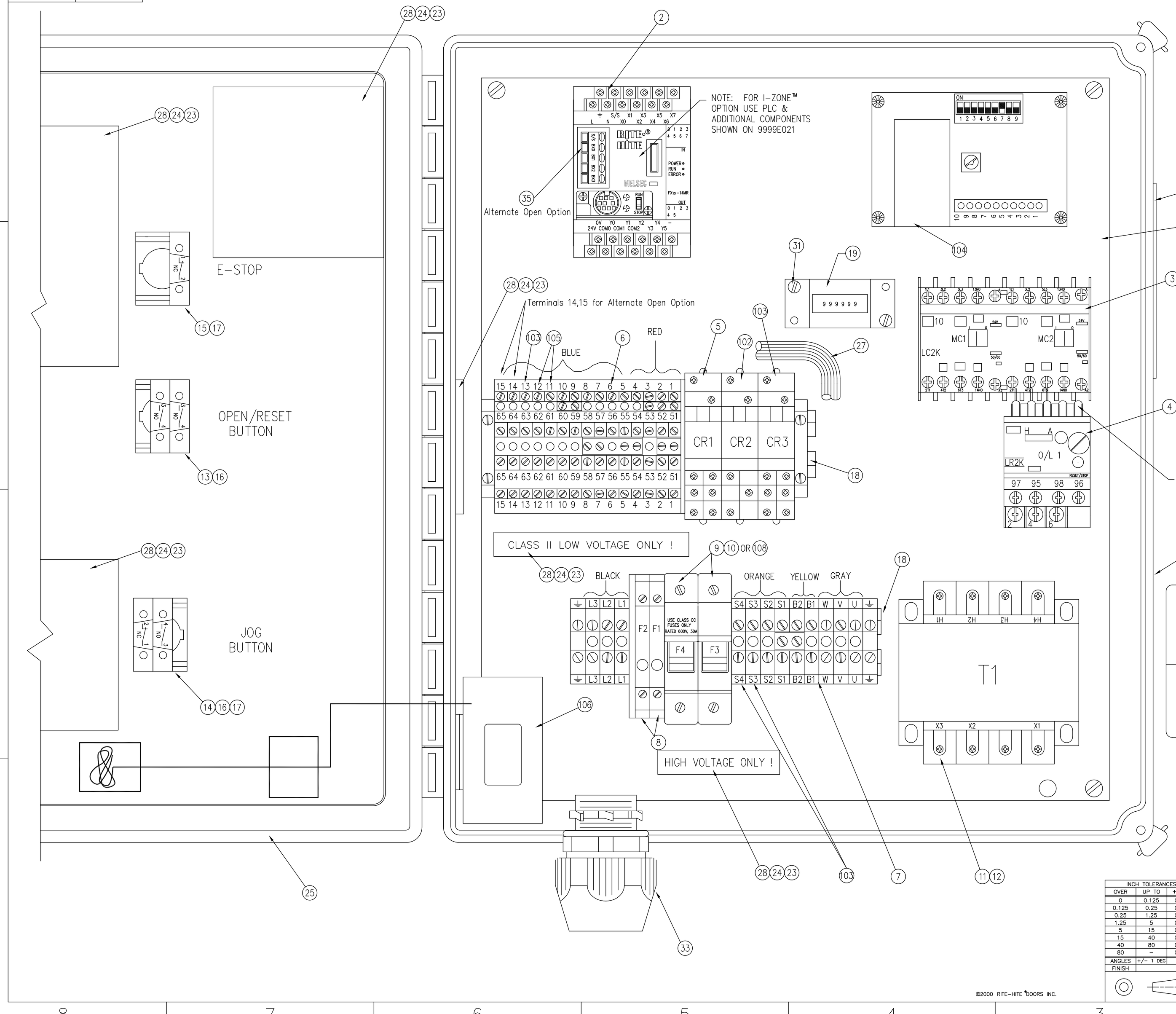
REV	DESCRIPTION	ECN	DATE	BY	APPROVED
D	UL 508A CHANGES	3991	12/26/2002	RPB	
E	Combine Alt Opem & Standard dwg	4731	4/11/2004	MDB	
F	Create Spanish label set.	4741	5/28/2005	MDB	

CONTACTOR SELECTION TABLE

MODEL	VOLTAGE	PART #	AMP. RATING
8910	ALL	17000015	9A
8920	ALL	17000015	9A
8920PL	ALL	17000016	12A

OVERLOAD RELAY SELECTION TABLE

MODEL	VOLTAGE	PART #	ADJ. RANGE
8910	208	16660019	3.8–5.5A
	230–240	16660016	2.6–3.7A
	380–480	16660017	1.8–2.6A
	575	16660018	1.2–1.8A
8920	208	16660019	3.8–5.5A
	230–240	16660016	2.6–3.7A
	380–480	16660017	1.8–2.6A
	575	16660018	1.2–1.8A
8920PL	208–240	16660020	5.5–8.0A
	380–480	16660016	2.6–3.7A
	575	16660017	1.8–2.6A



OPTIONAL COMPONENTS

400V 50Hz VOLTAGE OPTION	108	1	16660006	–	CKT BREAKER, 2–POLE, 1 AMP
RADIO CONTROL OPTION	OR	1	76210013	–	TRANSMITTER, ACTIVATION 40 MHz
	107	1	76210009	–	TRANSMITTER, ACTIVATION 318 MHz
	OR	1	76210012	–	RADIO, RECEIVER (W/ TRANSMITTER) 40 MHz
	106	1	76210008	–	RADIO, RECEIVER (W/ TRANSMITTER) 318 MHz
INTERLOCKING OPTION	AND	4 FT	75600036	–	WIRE, 18 AWG, ORANGE, MTW, STRANDED
	105	1	73100011	–	TERMINAL, BLUE DBL TIER, 20A
INDUCTION LOOP DETECTOR OPTION	AND	4	71300005	–	PCB STANDOFF
	AND	1	73100011	–	TERMINAL, BLUE DBL TIER, 20A
	AND	1	15650015	–	INDUCTION LOOP HARNESS
	104	1	17500001	–	INDUCTION LOOP DETECTOR, 24VDC
FAULT INDICATOR OPTION	AND	1	73100011	–	TERMINAL, BLUE DBL TIER, 20A
	AND	1 FT	75600040	–	WIRE, 18 AWG, WHITE, MTW, STRANDED
	AND	3 FT	75600027	–	WIRE, 18 AWG, BLACK, MTW, STRANDED
	AND	4 FT	75600028	–	WIRE, 18 AWG, RED, MTW, STRANDED
	AND	1	70350001	–	SOCKET DPDT
	103	1	66450003	–	RELAY, DPDT 24VAC 5A
PRE–ANNOUNCE STROBE/BEACON OPTION	AND	1 FT	75600040	–	WIRE, 18 AWG, WHITE, MTW, STRANDED
	AND	3 FT	75600027	–	WIRE, 18 AWG, BLACK, MTW, STRANDED
	AND	1 FT	75600028	–	WIRE, 18 AWG, RED, MTW, STRANDED
	AND	1	70350002	–	SOCKET SPDT
	102	1	66450004	–	RELAY, SPDT 24VAC 10A

STANDARD COMPONENTS

ALTERNATE OPEN OPTION	36	2'	75600041	–	WIRE, 14AWG, GREEN/YELLOW, 600V, AWM (NOT SHOWN)
	35	1	65100015	–	PLC, 4–INPUT, ADDITIONAL I/O
	34	–	–	–	–
	33	1	16960001	–	CONNECTOR, CONDUIT, 1", LIQUID TIGHT
	32	1	–	–	–
	31	2	67850106	–	SCREW, PAN–HEAD, PHILLIPS, TYPE 'B', #6X1/2, ZINC
	30	2	–	–	–
	29	1	43750081	7818M074	ENCLOSURE, MACHINED 16x14x8
	28	1	53850437	7818M241	LABEL, ELECTRICAL SET, 8900
	27	1	52000012	–	HARNESS, CONTROL BOX
	26	1	53850430	8804M598	LABEL, NAMEPLATE
	25	1	53850290	7818M076	LABEL, CBOX, 8900, ENCLOSURE
SPANISH OPTION	24	1	53850477	7818M244	LABEL, SPANISH, ELECTRICAL SET, 8900
PORTUGUESE OPTION	23	1	53850444	7818M212	LABEL, PORTUGUESE, ELECTRICAL SET, 8900
	22	–	–	–	–
	21	–	–	–	–
	20	–	–	–	–
	19	1	17600021	–	COUNTER, DURRANT
	18	2	38120005	–	DIN RAIL, LOW–PROFILE 6"
	17	2	17200013	–	CONTACT, N.C.
	16	3	17200012	–	CONTACT, N.O.
	15	1	72700006	–	SWITCH, E–STOP
	14	1	72700104	–	SWITCH, PB, FLUSH, BLACK
	13	1	72700085	–	SWITCH, PB, FLUSH, GREEN
	12	2	51300005	–	GUARDS, FINGER SAFE
	OR	1	73550002	–	TRANSFORMER, 100VA 380/415/575:24/115
	11	1	73550001	–	TRANSFORMER, 100VA 208/230/460:24/115
	10	1	51000003	–	FUSE HOLDER, 600V CC, 2–POLE
	OR	2	51000023	–	FUSE, 1A 600V CC, LP–CC
	9	2	51000001	–	FUSE, 0.5A 600V CC, ATQR
	AND	1	73100019	–	END BARRIER, FUSE BLOCK
	AND	1	51000005	–	FUSE, 2A 300V MDL (F1)
	AND	1	51000002	–	FUSE, 1A 300V MDL (F2)
	8	2	51000004	–	FUSE HOLDER, 300V, 1–POLE
	AND	4	–	–	LABEL, TERMINAL BLOCK PE (GROUND)
	AND	2	–	–	LABEL, TERMINAL BLOCK (L3,L2,L1,S4,S3,S2,S1,B2,B1,W,V,U)
	AND	4	73100016	–	TERMINAL, ORANGE SINGLE TIER, 30A
	AND	2	73100015	–	TERMINAL, YELLOW SINGLE TIER, 30A
	AND	3	73100013	–	TERMINAL, GRAY SINGLE TIER, 30A
	AND	3	73100014	–	TERMINAL, BLACK SINGLE TIER, 30A
	7	2	73100017	–	TERMINAL, GROUND
	AND	2	–	–	LABEL, TERMINAL BLOCK #60–51
	AND	2	–	–	LABEL, TERMINAL BLOCK #10–1
	AND	2	73100037	–	END ANCHOR, SHORT
	AND	2	53500003	–	JUMPER
	AND	1	73100018	–	END BARRIER, DOUBLE TIER
	AND	6/8	73100011	–	TERMINAL, BLUE DBL TIER, 20A
	6	4	73100012	–	TERMINAL, RED DBL TIER, 20A
	AND	1	70350001	–	SOCKET DPDT
	5	1	66450003	–	RELAY, DPDT 24VAC 5A
	OR	1	16660020	–	RELAY, OVERLOAD 5.5–8.0A
	OR	1	16660018	–	RELAY, OVERLOAD 1.2–1.8A
	OR	1	16660019	–	RELAY, OVERLOAD 3.8–5.5A
	OR	1	16660016	–	RELAY, OVERLOAD 2.6–3.7A
	4	1	16660017	–	RELAY, OVERLOAD 1.8–2.6A
	OR	1	17000016	–	CONTACTOR, REVERSING 12–AMP W/ INTERLOCK
	3	1	17000015	–	CONTACTOR, REVERSING 9–AMP W/ INTERLOCK
	2	1	65100008	–	PLC, RITE–HITE 14 I/O, FX1S
	1	1	12200045	7818M017	BACK PANEL, MACHINED 8900 14"x16"

ITEM	QTY	PART NO.	DWG. NO.	DESCRIPTION

PARTS LIST / MATERIAL

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 JAR DATE 11/14/1995

CHECKED BY DATE

APPROVED BY DATE

INITIAL ECN 3058

DATE ISSUED 1/3/2001

REF

RITE–HITE® DOORS INC.

TITLE
TRAKLINE – ROLL & FOLD
CONTROL BOX LAYOUT

SIZE	MODEL NUMBER	DWG NO	REV
D	8910/8920/8920PL	7818E021	F

SCALE 1"=1" | PART # 1731.... | SHEET 1 of 1