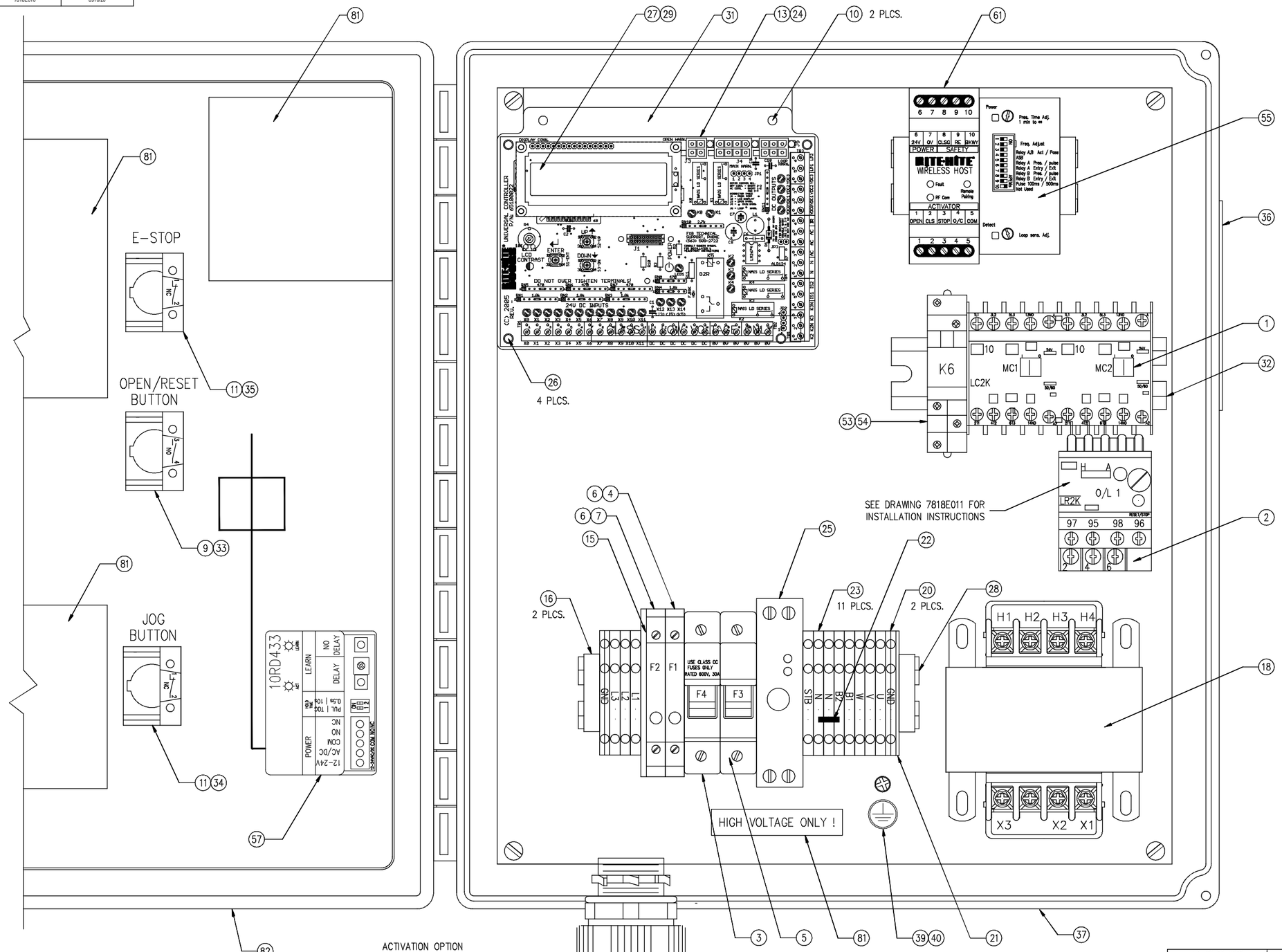
NEXT ASSEMBLY	FINAL ASSEMBLY
7818E010	891020

DWG NO	SHEET	REV
7818E032		H

REVISION HISTORY

REV	DESCRIPTION	ECN	DATE	BY	APPROVED
G	ADD ACTIVATION OPTIONS	6825	1/22/2014	TAH	
H	BEA RADIO CONTROLS	6893	7/15/2014	TAH	
F	MULTIPLE BUTTON TRANSMITTERS	6520	6/14/2012	TAH	



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

CONTACTOR SELECTION TABLE

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

82	1	53850510	7818M327	LABEL, PORTUGUESE, CBOX, 8900, ENCLOSURE
81	1	53850511	7818M330	LABEL, PORTUGUESE, ELECTRICAL SET, 8900
82	1	53850500	7818M326	LABEL, CBOX, 8900, ENCLOSURE
81	1	53850502	7818M329	LABEL, ENGLISH, ELECTRICAL SET, 8900
82	1	53850508	7818M328	LABEL, CBOX, 8900, ENCLOSURE
81	1	53850507	7818M331	LABEL, SPANISH, ELECTRICAL SET, 8900

↑ LANGUAGE DEPENDENT LABELS ↑

WIRELESS ACTIVATION OPTION	AND	1	52000068	9999M043	HARN,WIRELESS HOST,ICOMMII
	AND	-	-	-	*SEE INDUCTION LOOP OPTION BELOW
	61	1	17500025	-	CTRLR,WIRELESS ACT,BTR,12-24V
OPTIONAL RADIO CONTROL	60	1"	74000014	-	VELCRO, PSA, LOOP,BLACK, 1"
	59	2"	74000019	-	VELCRO, PSA, LOOP, BLACK, 2"
	58	2"	74000020	-	VELCRO, PSA, HOOK, BLACK, 2"
	57	1	66250020	-	RCVR,BEA,433,12-24V,1FN
	OR	A/R	73750080	-	TRANS,BEA,433,3BTN
	OR	A/R	73750079	-	TRANS,BEA,433,2BTN
	56	A/R	73750078	-	TRANS,BEA,433,1BTN
OPTIONAL LOOP CONTROLLER	AND	1	52000067	9999M042	HARN,DUAL LOOP CTRLR,UNIV
	AND	2	73100024	-	*TERMINAL,END STOP,SCREWLESS (ALSO FOR WIRELESS OPTION)
	AND	1	38120329	-	*DIN RAIL,LOW-PROFILE,3-1/2" (ALSO FOR WIRELESS OPTION)
	55	1	17500010	-	CTRLR,IND LOOP,DUAL,12/24V
WARNING DEVICE RELAY	AND	1	70350002	-	SOCKET, RELAY, 1-POLE, 250VAC, 10AMP
	54	1	66450014	-	RLY,SPDT,24VDC,10AMP
	53	1	52000035	-	HARN,WIRE KIT,WARN DVC RLY,ICM
I-ZONE OPTIONAL	AND	1	11050007	-	ALARM, AUDIBLE, 24AC/DC, .22.5MM (NOT SHOWN)
	52	1	53850402	9999M011	LABEL, AREA DETECTOR, ALARM (NOT SHOWN)
	51	1	52000036	-	HARN, KIT, I-ZONE (NOT SHOWN)

↑ OPTIONAL COMPONENTS ↑

	40	1	53850048	-	LABEL,GROUND
	39	1	67850177	-	SCR,GROUND,#10-32X3/8
	38	1	16960001	-	CONNECTOR, CONDUIT, 1", LIQUID TIGHT
	37	1	43750129	7818M325	ENCLOSURE, MACHINED 16x14x8, WITH WINDOW
	36	1	53850430	8804M598	LABEL, NAMEPLATE
	35	1	72700006	-	SWITCH, E-STOP
	34	1	72700104	-	SWITCH, PB, FLUSH, BLACK
	33	1	72700085	-	SWITCH, PB, FLUSH, GREEN
	32	1	38120027	-	DIN RAIL,LOW-PROFILE,5.25"LONG
	31	1	65000550	7804M205	PLATE,I-COMM
	30	1	52000031	-	HARN,WIRE KIT,CBOX,8900
	29	2	71300009	-	STANDOFF,NYLON,PCB,0.1"X7/16
	28	1	38120006	-	DIN RAIL,LOW-PROFILE,6-1/2"
	27	1	51950067	9999M028	DISPLAY,LCD,2-LINE,W/ CONN
	26	4	71300005	-	STANDOFF,NYLON,PCB,3/16X1
DC POWER CONSUMPTION > 22W	OR	1	65700007	-	POWER SUPPLY,DIN,24VDC,30W,CG
DC POWER CONSUMPTION <= 22W	25	1	65700006	-	POWER SUPPLY,DIN,24VDC,18W
	24	1	65100022	9999E050	CONTROLLER, I-COMM
	23	11	73100085	-	TERMINAL,WA,CAGE,20A,3HOLE
	22	1	73100082	-	TERMINAL,WA,CAGE,20A,JUMP,3P
	21	1	73100086	-	TERMINAL,WA,CAGE,20A,3HOLE,BAR
	20	2	73100087	-	TERMINAL,WA,CAGE,20A,3HOLE,GND
	19	4	74100004	-	WSHR,LOCK,INT/EXT,#10,ZNC
400, 415 & 575V	OR	1	73550030	-	XFMR,100VA,380/415/575V:24/115
208-240, 460-480V	18	1	73550029	-	XFMR,100VA,208/230/460V:24/115
	17	30	73250004	-	TIE,CABLE,NYLON,4",18#
	16	2	73100024	-	TERMINAL,END STOP,SCREWLESS
	15	1	73100019	-	TERMINAL,END BAR,FUSE HOLDER
	14	1	12200068	7804M204	BACKPANEL,PNCH,14X16,W/FLNG
	13	1	53850492	9999M027	LABEL, I-COMM TERMINALS
	12	8	67850015	-	SCR,PHLP,DR/TP,#8X1/2
	11	2	17200013	-	CONTACT, N.C.
	10	2	67850065	-	SCR,FHWH,#8X8/16BLK K-LATH
	9	1	17200012	-	CONTACT, N.O.
	7	1	51000005	-	FUSE,2AMP,250V,TIME DELAY
	6	2	51000004	-	FUSE HOLDER,1POLE,300V,12A +
	5	1	51000003	-	FUSE HOLDER,2POLE,600V,30A +
	4	1	51000002	-	FUSE,1AMP,250V,TIME DELAY
200-240V	OR	2	51000023	-	FUSE,1AMP,600V,CC,TIME DELAY
400-575V	3	2	51000001	-	FUSE,.5AMP,600V,TIME DELAY +
	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
SEE TABLE	OR	1	16660016	-	RELAY, OVERLOAD 2.6-3.7A
	2	1	16660017	-	RELAY, OVERLOAD 1.8-2.6A
	OR	1	17000016	-	CONTACTOR, REVERSING 12-AMP W/ INTERLOCK
	1	1	17000015	-	CONTACTOR, REVERSING 9-AMP W/ INTERLOCK

ITEM	QTY	PART NO.	DWG. NO.	DESCRIPTION

PARTS LIST / MATERIAL

SCOPE: THIS DRAWING COVERS DOORS CONFIGURED AFTER 2–20–2006

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

PRIOR 7818-E-021 REV. G

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 12/27/2005
CHECKED BY		DATE
APPROVED BY		DATE
INITIAL ECN	4994	
DATE ISSUED	2/20/2006	
REF		

RITE–HITE DOORS INC.

TITLE: TRAKLINE - ROLL & FOLD CONTROL BOX LAYOUT UNIVERSAL CONTROLLER

SIZE	MODEL NUMBER	DWG NO	REV
D	8910/8920/8920PL	7818E032	H
SCALE 1"=1"	PART # 1740	SHEET	

NEXT ASSEMBLY

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	1 AMP CC
	380-575	.5 AMP CC
F4	208-240	1 AMP CC
	380-575	.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

CONNECTOR TABLE

THIS TABLE SHOWS THE FUNCTION OF EACH OF THE CONNECTORS ON THE UNIVERSAL CONTROLLER. THE VOLTAGES LISTED FOR EACH PIN ASSUME THAT EITHER THE INPUT OR OUTPUT IS ACTIVATED.

CONN.	PIN #	FUNCTION	VOLTAGE
J3	1	UNUSED OUTPUT	0 VDC
	2	I-ZONE ALARM OUT	0 VDC
	3	DC POWER OUT	24 VDC
	4	RESET INPUT (X12)	24 VDC
J4	1	UNUSED	
	2	DC COMMON INPUT	0 VDC
	3	DC POWER INPUT	24 VDC
	4	24V AC INPUT	24 VAC
	5	24V AC COMMON (N)	24 VAC
	6	OPEN/CLOSE COMMON	N
	7	CLOSE OUTPUT (K1)	24 VAC
	8	OPEN OUTPUT (K0)	24 VAC
J5	1	LOOP INPUT 2	
	2	LOOP INPUT 1	
	3	DC POWER OUT	24 VDC
	4	DC COMMON OUT	24 VDC
	5	DC POWER OUT	24 VDC
	6	LOOP INPUT (X13)	24 VDC

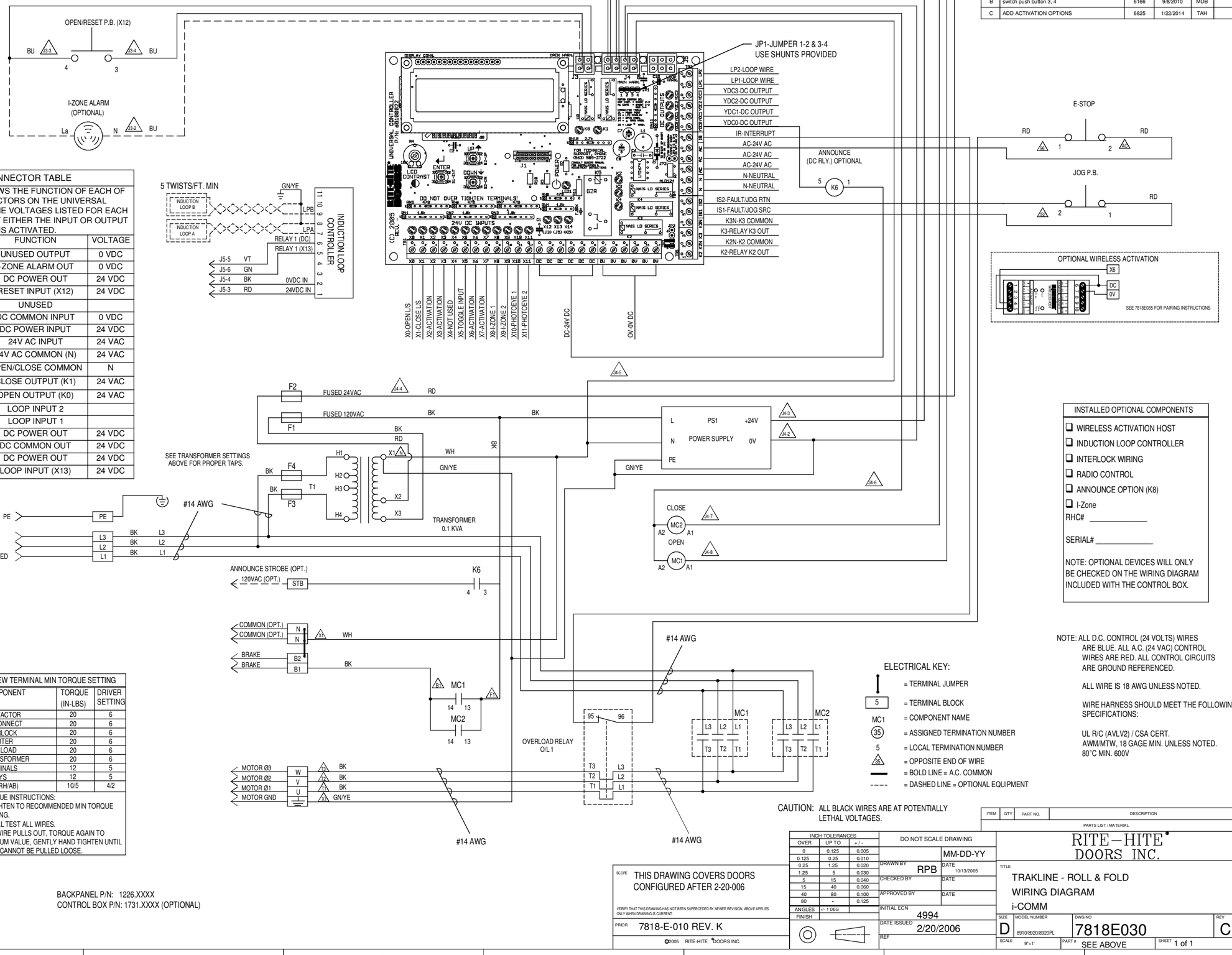
SCREW TERMINAL MIN TORQUE SETTING		
COMPONENT	TORQUE (IN-LBS)	DRIVER SETTING
CONTACTOR	20	6
DISCONNECT	20	6
INTERLOCK	20	6
INVERTER	20	6
OVERLOAD	20	6
TRANSFORMER	20	6
TERMINALS	12	5
RELAYS	12	5
PLC (RH/AB)	10/5	4/2

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.

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

REVISION HISTORY

REV	DESCRIPTION	ECN	DATE	BY	APPROVED
A	CORRECT J3 ER. DEPICTION	5065	7/21/2006	NCN	
B	switch push button 3, 4	6166	9/8/2010	MDB	
C	ADD ACTIVATION OPTIONS	6825	1/22/2014	TAH	



INSTALLED OPTIONAL COMPONENTS

- ❑ WIRELESS ACTIVATION HOST
- ❑ INDUCTION LOOP CONTROLLER
- ❑ INTERLOCK WIRING
- ❑ RADIO CONTROL
- ❑ ANNOUNCE OPTION (K8)
- ❑ 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.

ITEM	QTY	PART 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 RPB DATE 10/13/2005
CHECKED BY DATE
APPROVED BY DATE
INITIAL ECN 4994
DATE ISSUED 2/20/2006
REF

SCOPE: THIS DRAWING COVERS DOORS CONFIGURED AFTER 2-20-006

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

PRIOR 7818-E-010 REV. K

RITE–HITE DOORS INC.

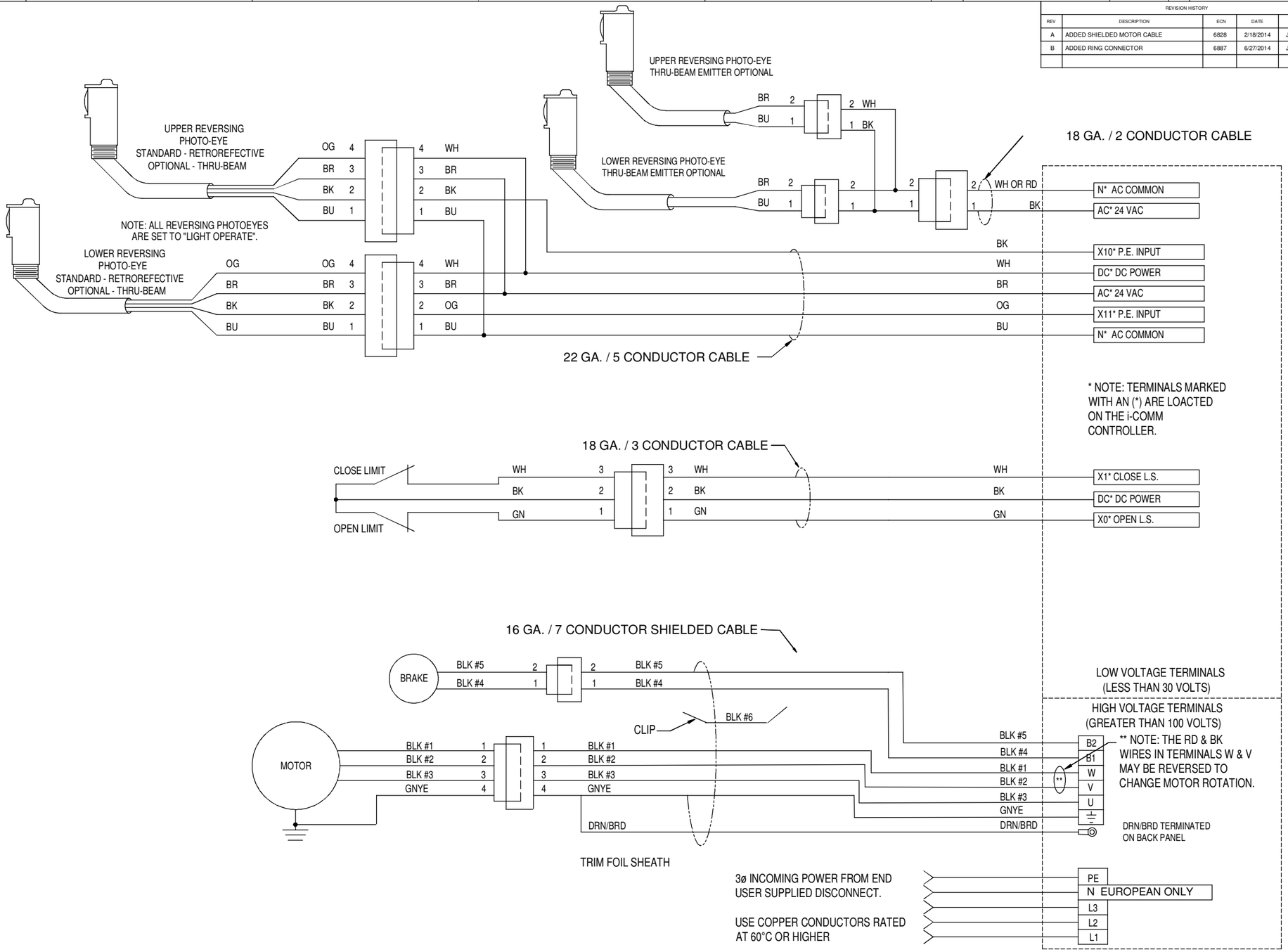
TITLE: TRAKLINE - ROLL & FOLD
WIRING DIAGRAM
i-COMM

SIZE D | MODEL NUMBER 8910/8920/8920PL | DWG NO 7818E030 | REV C
SCALE 9"=1" | PART # SEE ABOVE | SHEET 1 of 1

NEXT ASSEMBLY

DWG NO 7818E034 | SHEET | REV B

REVISION HISTORY					
REV	DESCRIPTION	ECN	DATE	BY	APPROVED
A	ADDED SHIELDED MOTOR CABLE	6828	2/18/2014	JJS	
B	ADDED RING CONNECTOR	6887	6/27/2014	JJS	



NOTE:

USE ONLY FACTORY SUPPLIED CABLE FOR MOTOR, PHOTOEYES, & LIMIT SWITCHES.

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	F.L.A.
8910 (1 HP)	208	3.65
	230-240	3.65
	380-415	2.10
	440-480	1.83
	575	1.50
8920 (1 HP OR 1.5 HP)	208 SIZE =< 144 SQ. FT.	3.65
	208 SIZE > 144 SQ. FT.	4.20
	230-240	3.65
	380-415	2.10
	440-480	1.83
	575	1.50
8920PL (2 HP)	208	6.33
	230-240	6.33
	380-415	3.64
	440-480	3.17
	575	2.45

ITEM	QTY	PART NO.	DESCRIPTION

PARTS LIST / MATERIAL

SCOPE: THIS DRAWING COVERS DOORS CONFIGURED AFTER 2-20-2006

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

PRIOR: 7818-E-009 REV. K

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: 1/9/2006

CHECKED BY: DATE:

APPROVED BY: DATE:

INITIAL ECN: 4994

DATE ISSUED: 2/20/2006

REF:

RITE-HITE DOORS INC.

TITLE: TRAKLINE - ROLL & FOLD-ENCLOSURE EXTERNAL FIELD WIRING DIAGRAM i-COMM CONTROLS

SIZE: D | MODEL NUMBER: 8910/8920/8920PL | DWG NO: 7818E034 | REV: B

SCALE: 9"=1' | PART # | SHEET

NEXT ASSEMBLY	FINAL ASSEMBLY
-	-

DWG NO 7818E035 | SHEET | REV A

REVISION HISTORY					
REV	DESCRIPTION	ECN	DATE	BY	APPROVED
A	BEA RADIO CONTROLS	6893	7/15/2014	TAH	

BEA ACTIVATION

BEA - Falcon, Eagle, MS08

Control Box	US
DC	1-RD
0V	2-BK
DC	3-WH
X6***	4-GN
not used	5-YE

BEA Motion Sensors
See X7 note

BEA - IRIS

Control Box	Sensor
DC	RD
0V	BK
DC	BN
X3***	BU

Presence Sensor
Set X3 to a value of 6-Reverse
See X7 note

BEA - DK-12

Control Box	Sensor
DC	RD
0V	BK
DC	WH
X3***	GN
not used	BN
not used	BU

Presence Sensor
Set X3 to a value of 6-Reverse
See X7 note

BEA - IS-40

Control Box	Sensor
DC	RD
0V	BK
DC	WH
X6***	GN
not used	YE
DC	WH/BLK
X3***	GRN/BLK
not used	YE/BLK

BEA IS40 Motion/Presence Sensor

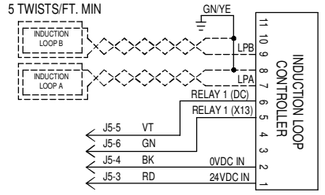
IS-40 Hold Open
Set X3 to a value of (6-Reverse)
See X7 note

BEA - LZR-i30

Control Box	Sensor
DC	RD
0V	BK
DC	GRN/WH
X3	BLK/WH
not used	GRN
not used	WH
not used	ORG
not used	ORG/BLK
0V	WH/BU
DC	BU

LZR-i30 Presence Sensor
Set the input to 6 - Reverse N/C.

BEA MATRIX INDUCTION LOOP



Standard configuration is combined mode with DIP switches #1-9 in the OFF position and DIP switch #10 in the ON position. For independent mode and other DIP switch settings, consult the BEA Matrix D12-24 User Manual.

INTERLOCKS

AIR CURTAIN INTERLOCK (24V)

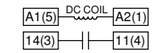
Control Box	Air Curtain
YK3	Ouput
YK3N	Output Com

Note: Consult i-COMM manual for available output functions. Connect YK3 & YK3N to Air Curtain control. Change YK3 to 1 (on when door not closed).

AIR CURTAIN INTERLOCK (120V)

Relay	Air Curtain
14(3)	Ouput
11(4)	Output Com
	i-COMM
A1(5)	DC
A2(1)	YDC_

INSTALL SPDT RELAY IN CBOX



Note: Consult i-COMM manual for available output functions. Connect relay contact to Air Curtain control. Change YDC_ to 1 (on when door not closed). Separate relay must be used for isolation with 120VAC.

NON-SEQUENTIAL 2 DOOR INTERLOCK

Door1	Door2
YK3	X?
YK3N	DC
X?	YK3
DC	YK3N

2 Door Non-Sequential Interlock

Note: Consult i-COMM manual to see which inputs can be assigned interlock in function. Connect YK3 to whichever input is selected to become interlock in. No other devices should be connected to this input. Terminal must be assigned to Interlock through i-COMM menu on both doors. (i.e. If X3 is to be assigned a function of Interlock Input, the menu ("Input Func X3") should be set to a value of "0")
Output YK3 (K3 relay) should remain at the default setting of "0" on both doors.

MISCELLANEOUS ACTIVATION

PHOTOEYES

Control Box	Photoeye
DC	BK
N	BU
AC	BN
X6*	OG

Retroreflective or Thru Beam Receiver

PHOTOEYES

Control Box	Photoeye
AC	BN
N	BU

Thru Beam Emitter

RADIO CONTROL

Control Box	Receiver
DC	RD
0V	BK
DC	WH
X6**	GN

433MHz Radio Control

1. SET DIP SWITCHES 1&2 TO OFF.
2. PRESS LEARN W/NO DELAY.
3. PRESS TRANSMITTER BUTTON REPEATEDLY UNTIL BLUE LED ON RECEIVER ILLUMINATES.

PUSHBUTTONS & PULL-CORDS

Control Box	Switch
DC	SW
X6**	SW

Wire Each device as shown.

WIRELESS PUSHBUTTONS & PULL-CORDS

Control Box	Host (Receiver)
DC	5
DC	6
0V	7
X6**	4

2.4GHz Wireless Activation

Pairing:

To pair with a wireless device, first remove the plastic strip under the batteries in the remote unit to energize the device. On the Host (Receiver) press "Remote Pairing". The "RF Com" LED will begin to flash. Next press the pair button on the remote unit. The units will then pair. Activate the door to test. Repeat procedure if necessary.

I-ZONE 8900 w/ SIDEFRAME CONTROLS

Control Box	I-ZONE	Sensor
DC		RD
0V		BK
X8		CLR

Control Box	I-ZONE	Sensor
DC		RD
0V		BK
X9		CLR

Sensor is connected by 4-conductor gray cables. Green wire is not used.

I-ZONE 8900 w/ CONTROL BOX

Control Box	I-ZONE	Sensor
0V		BK
DC		RD
X8		GN
X9		CLR

Sensor is connected by 4-conductor gray cable.

PREANNOUNCE DEVICES

120V STROBE

Control Box	Beacon/Strobe
STB	Wire
N	Wire

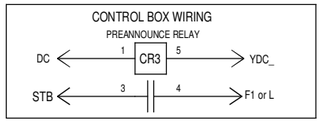
Warning Device Strobe
Additonal Relay Required
120VAC U.L. Listed .30 Amp Max

120VAC ALARM

Control Box	Alarm
STB	Wire
N	Wire

Warning Device Strobe
Additonal Relay Required
120VAC U.L. Listed .30 Amp Max

WARNING DEVICE RELAY



NOTES

This drawing assumes input functions are set to factory defaults. Consult i-Comm manual for details. WARNING - never connect motion sensors to a toggle input.

Terminals "X6", "X7" are automatic reclose.
Terminal X7 on the motor terminal strip can be used for activation devices such as motion sensors and pull cords.
Terminals "DC" are DC common for inputs.

**For true toggle operation use terminal "X5".
(Pull cords, push button or radio controls only.)
***For Reverse hold open connect sensors to UNUSED input.
(i.e. X3, X6, or X7 and assign that input a function of "6" in the i-COMM menu. Multiple sensors can be connected in parallel.

Consult i-COMM manual and/or Door manual for additional instructions.

ITEM	QTY	PART 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 TAH DATE 1/22/2014
CHECKED BY DATE
APPROVED BY DATE
INITIAL ECN 6825
DATE ISSUED 1/22/2014
REF

RITE-HITE DOORS INC.

TITLE
TRAKLINE SERIES
ACTIVATION WIRING

SIZE D | MODEL NUMBER 8900 | DWG NO 7818E035 | REV A
SCALE 9"=1' | PART # | SHEET