

NEXT ASSEMBLY	FINAL ASSEMBLY

TRANSFORMER SETTINGS	
LINE VOLTAGE	TAPS
208	H4-H3
220-240	H4-H2
440-480	H4-H1
380	H4-H3
415	H4-H2
575	H4-H1

CONTROL BOX FUSING		
DEVICE	VOLTAGE	CURRENT RATING
F1/2/3	220, 1Ø	20 AMP
	208, 230 3Ø	15 AMP
	460 3Ø	10 AMP
	575 3Ø	6 AMP
F4/5	208, 220, 230	1 AMP
	400 - 575	1/2 AMP
F7	-	1 AMP

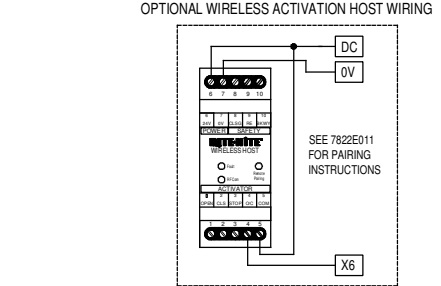
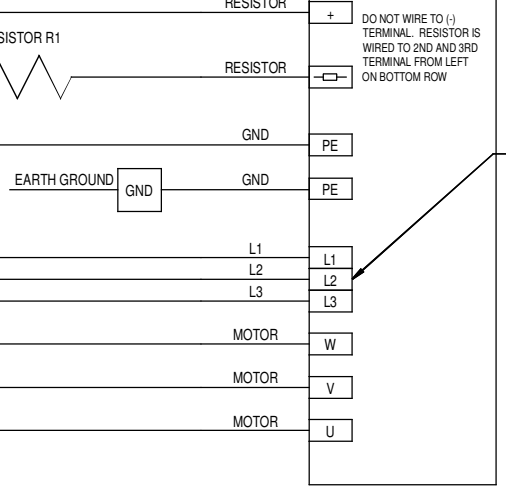
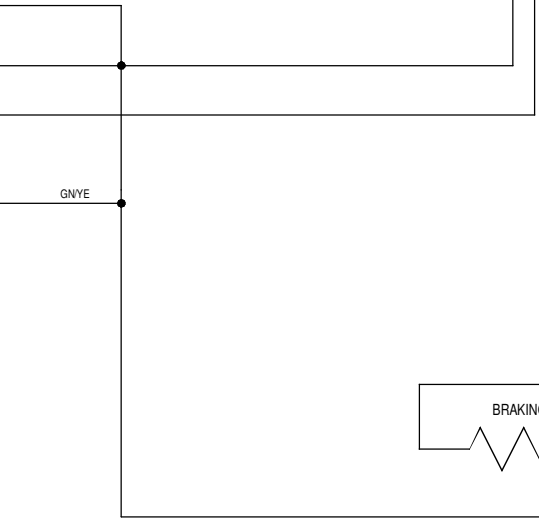
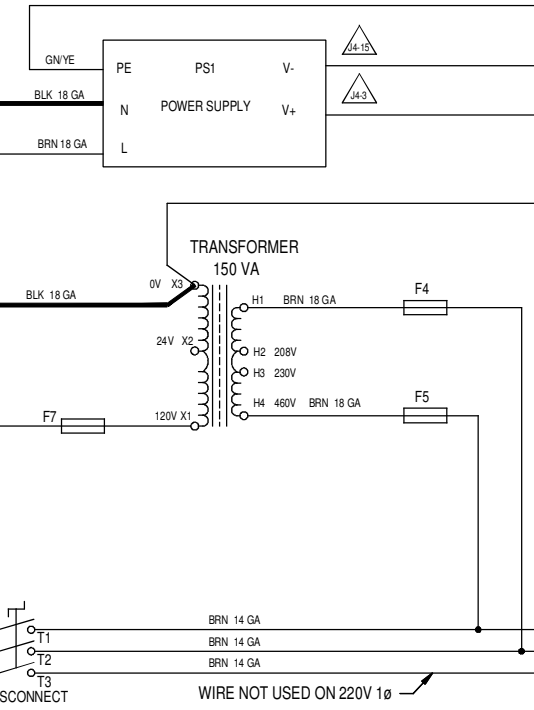
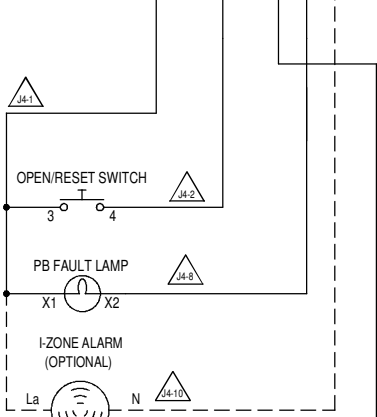
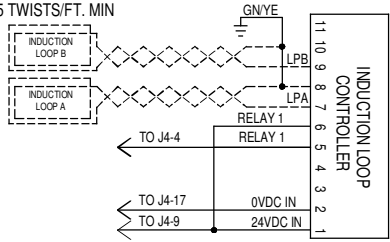
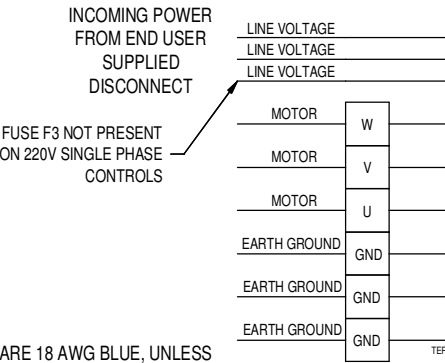
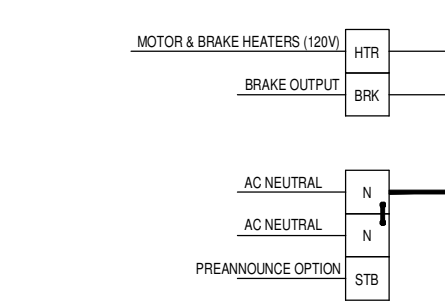
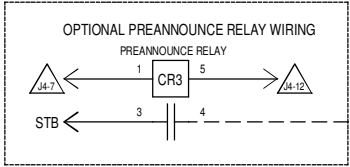
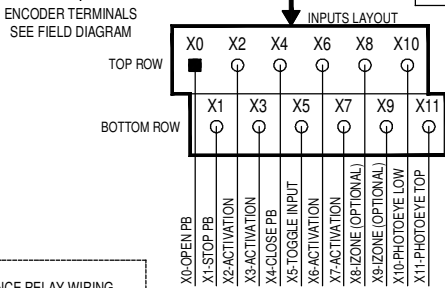
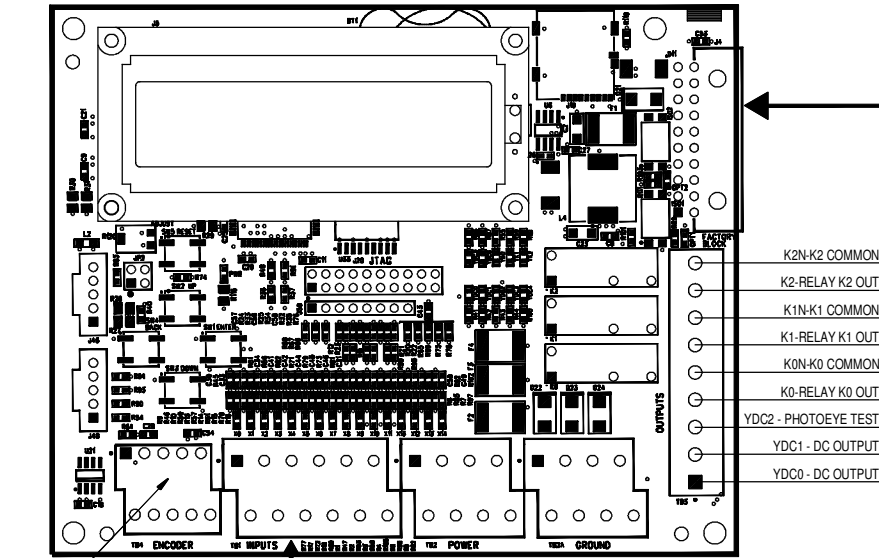
TABLE OF AMP REQUIREMENTS					
MODEL-FASTRAX CL	LINE VOLTAGES				
	220, 1Ø	208-230 3Ø	400, 3Ø	460, 3Ø	575, 3Ø
FULL LOAD AMPS	17.8A	9.2A	5.4A	5.4A	3.7A
FEEDER AMPS	30A	15A	10A	10A	10A

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
J4	1	PB POWER OUTPUT	24 VDC
	2	RESET INPUT (X12)	24 VDC
	3	POWER SUPPLY INPUT	24 VDC
	4	LOOP INPUT (X13)	24 VDC
	5	CHAINFALL POWER OUTPUT	24 VDC
	6	FAULT INPUT (X14)	24 VDC
	7	WARN. DEV. POWER OUTPUT	24 VDC
	8	PB LIGHT OUT (YDC3)	0 VDC
	9	IND. LOOP POWER OUTPUT	24 VDC
	10	IZONE ALARM OUTPUT (YDC4)	0 VDC
	11	INVERTER OUTPUT (B5)	24 VDC
	12	WARN. DEVICE OUTPUT (YDC5)	0 VDC
	13	INVERTER COMMON (B2)	24 VDC
	14	CHAINFALL OUTPUT (YDC6)	0 VDC
	15	POWER SUPPLY INPUT	0 VDC
	16	SPARE OUTPUT (YDC7)	0 VDC
	17	IND. LOOP POWER OUTPUT	0 VDC
	18	RS485 + COMMUNICATIONS	1 VDC
	19	EARTH GROUND	0 VDC
	20	RS485 - COMMUNICATIONS	-1 VDC

NOTES:
ALL WIRES ARE 18 AWG BLUE, UNLESS OTHERWISE MARKED.
ALL 24VDC CONTROL WIRES ARE BLUE.

△ - INDICATES OPPOSITE END OF WIRE

WARNING:
ALL BROWN WIRES ARE AT POTENTIALLY LETHAL VOLTAGES.



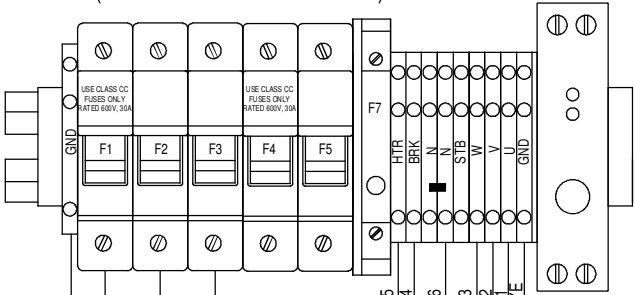
INCH TOLERANCES		DO NOT SCALE DRAWING		ITEM		QTY		PART NO.		DESCRIPTION	
OVER	UP TO	+	-	DRAWN BY		DATE		PARTS LIST / MATERIAL		TITLE	
0	0.125	0.005		BAL		12/10/2013		RITE-HITE DOORS INC.		WIRING DIAGRAM	
0.125	0.25	0.010		CHECKED BY		DATE		FASTRAXCL, i-COMM II		AS/NZ SPECIFICATION PACKAGE	
0.25	1.25	0.020		APPROVED BY		DATE		SIZE		MODEL NUMBER	
1.25	5	0.030		INITIAL ECN		6821		DWG NO		7826E013	
5	15	0.040		DATE ISSUED		REV		SCALE		9"=1"	
15	40	0.060		REF		PART #		1754....		SHEET 1	
40	80	0.100									
80	-	0.125									
ANGLES		FINISH									
FINISH											

NEXT ASSEMBLY

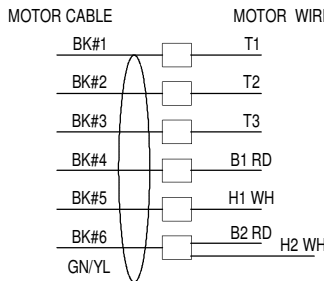
REVISION HISTORY

REV	DESCRIPTION	ECN	DATE	BY	APPROVED
A	CORRECT YDC2 WIRE COLOR TO BK	6573	7/16/2012	BJJ	
B	Add i-comm terminations and motor wiring	6818	11/4/2013	MDB	

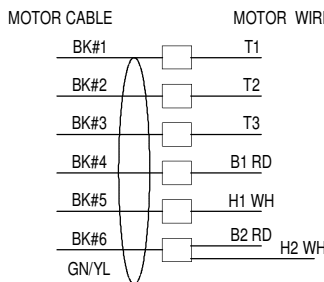
HIGH VOLTAGE TERMINALS
(GREATER THAN 100 VOLTS)



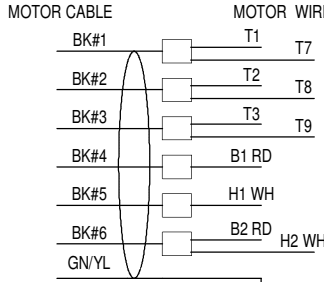
575V MOTOR WIRING



400V-460V MOTOR WIRING



208V-230V MOTOR WIRING



ALL FIELD WIRING CONDUCTORS
TO BE STRANDED COPPER
INCOMING POWER: 75°C MIN
LOW VOLTAGE CONTROL: 60°C MIN

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
6/11/2012

CHECKED BY

DATE

APPROVED BY

DATE

INITIAL ECN

6522

DATE ISSUED

6/11/2012

REF

TITLE

EXTERNAL FIELD WIRING DIAGRAM
FASTRAXCL, i-COMM II

SIZE

MODEL NUMBER

FasTrax CL

SCALE

4" = 1'

PART #

DWG NO

7826E010

REV

B

SHEET

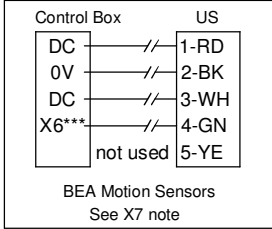
D

C

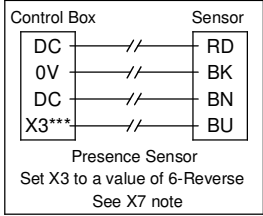
B

A

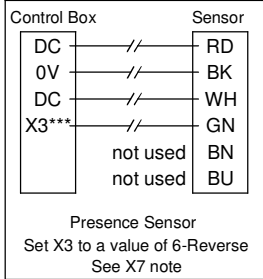
BEA - Falcon, Eagle, MS08



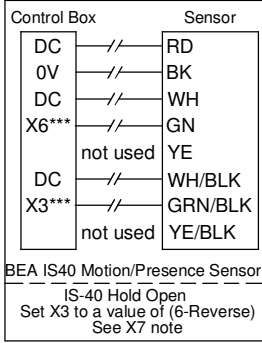
BEA - IRIS



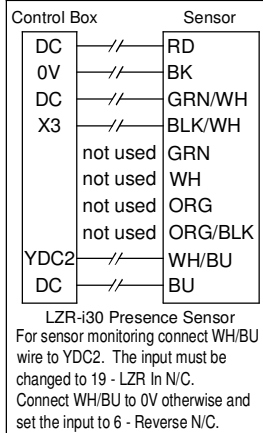
BEA - DK-12



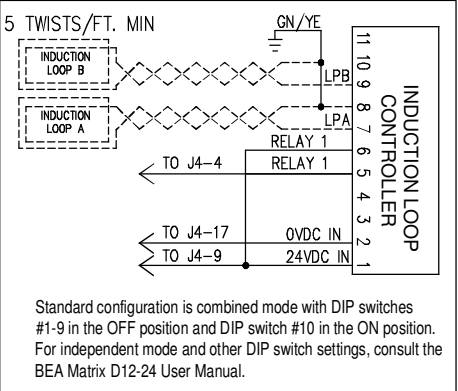
BEA - IS-40



BEA - LZR-i30

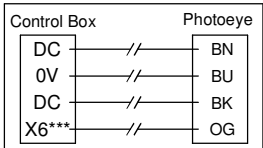


BEA MATRIX INDUCTION LOOP

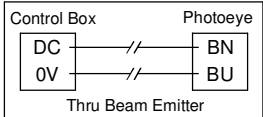


BEA ACTIVATION

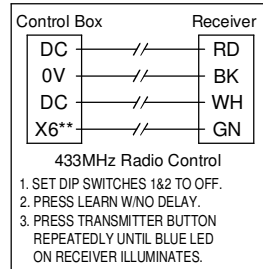
PHOTOEYES



PHOTOEYES

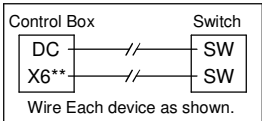


RADIO CONTROL

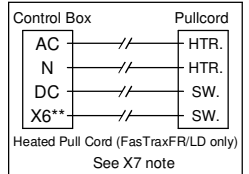


MISCELLANEOUS ACTIVATION

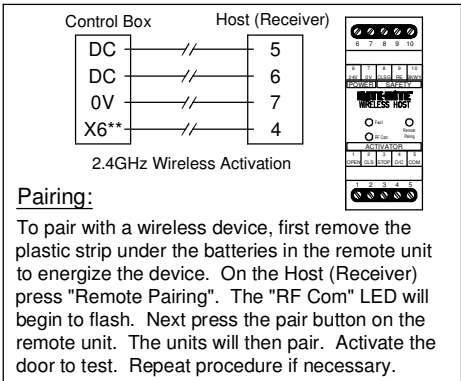
PUSHBUTTONS & PULL-CORDS



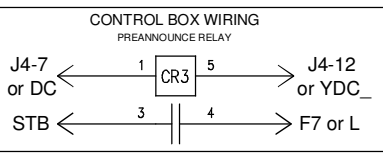
HEATED PULL CORD



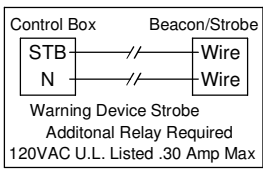
WIRELESS PUSHBUTTONS & PULL-CORDS



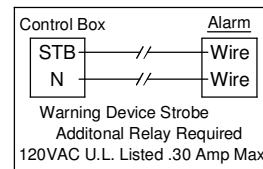
PREANNOUNCE DEVICES



120V STROBE



120VAC ALARM



WARNING DEVICE RELAY

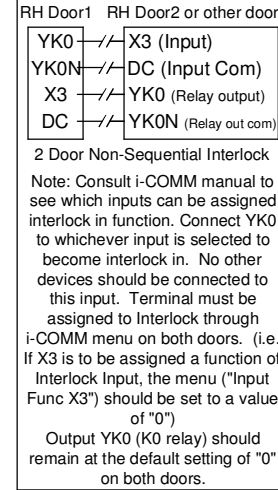
NOTES
This drawing assumes input functions are set to factory defaults. WARNING - never connect motion sensors to a toggle input.

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.

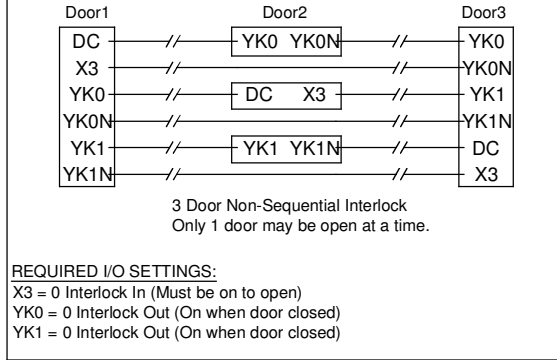
**For true toggle operation use terminal "X5".
(Pull cords, push button or radio controls only.)
***For Reverse hold open connect sensors to UNUSED input.
(i.e. X3, X6, or X7 and assign that input a function of "6" in the i-COMM menu. Multiple sensors can be connected in parallel.

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

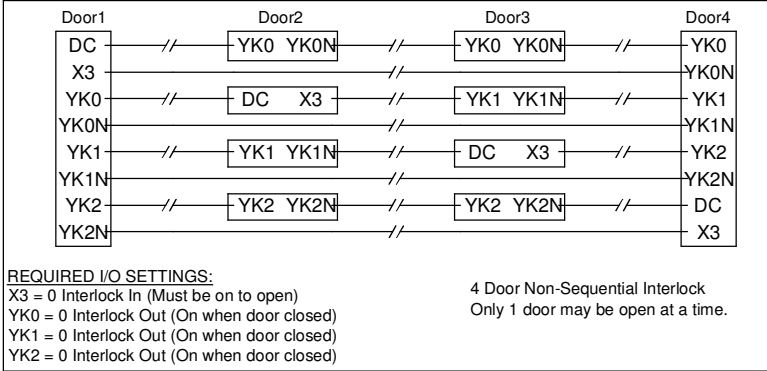
NON-SEQUENTIAL 2 DOOR INTERLOCK



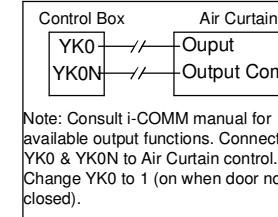
NON-SEQUENTIAL 3 DOOR INTERLOCK



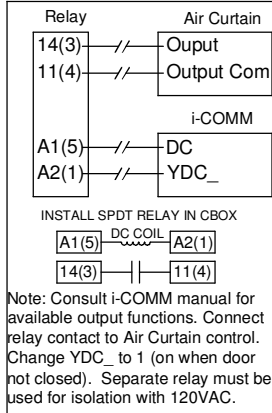
NON-SEQUENTIAL 4 DOOR INTERLOCK



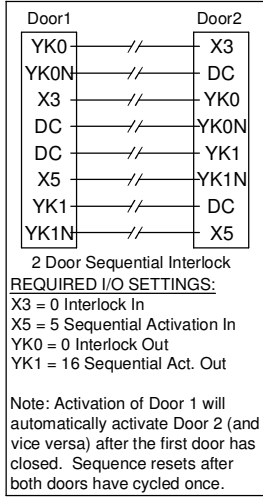
AIR CURTAIN INTERLOCK (24V)



AIR CURTAIN INTERLOCK (120V)

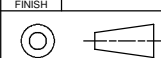


SEQUENTIAL INTERLOCK



INTERLOCKS

NOTE: IF THE DOOR HAS EUROPEAN CE SPECIFICATIONS, OUTPUT YK0 IS NOT AVAILABLE. USE OUTPUTS YK1 & YK2 FOR INTERLOCKING. A 4-DOOR INTERLOCK MAY NOT BE POSSIBLE WITHOUT ADDING A SEPARATE RELAY.

ITEM			QTY	PART NO.	DESCRIPTION			
PARTS LIST / MATERIAL								
INCH TOLERANCES			DO NOT SCALE DRAWING		RITE-HITE DOORS INC.			
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			INITIAL ECN		FasTrax SERIES ACTIVATION WIRING i-COMM II			
FINISH			5288					
			DATE ISSUED					
			3/9/2007					
			REF:					
SIZE			MODEL NUMBER				DWG NO	
D			FasTraxFasTrax FR				7822E011	
SCALE			9"=1'				PART #	
							SHEET	