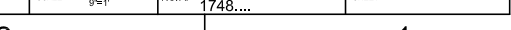


ITEM	QTY	PART NO.	DWG. NO.	DESCRIPTION



NEXT ASSEMBLY	FINAL ASSEMBLY
7826E003	-

REVISION HISTORY					
REV	DESCRIPTION	ECN	DATE	BY	APPROVED
A	move transformer grd wire	6142	7/19/2010	MDB	
B	= 220V, was 230V, K8 = 4, was 1	6166	9/8/2010	MDB	

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

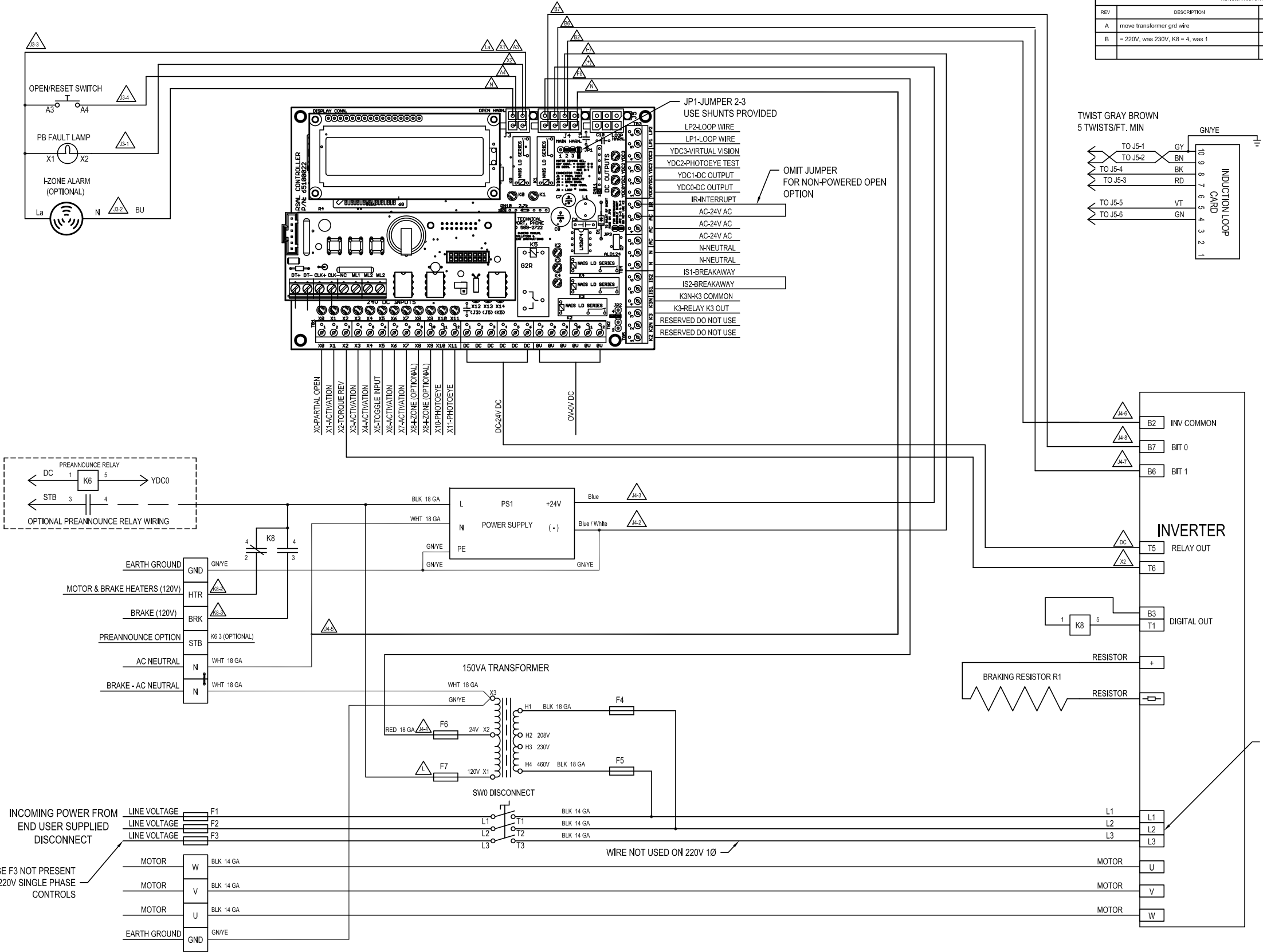
CONTROL BOX FUSING		
DEVICE	VOLTAGE	CURRENT RATING
F1/2/3	220, 1Ø	20 AMP
	208, 230 3Ø	15 AMP
	460 3Ø	10 AMP
	575 3Ø	6 AMP
F4/5	208, 220, 230	1 AMP
	400 - 575	1/2 AMP
F6	-	2 AMP
F7	-	1 AMP

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

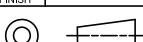
CONNECTOR TABLE			
THIS TABLE SHOWS THE FUNCTION OF EACH OF THE CONNECTORS ON THE UNIVERSAL CONTROLLER. THE VOLTAGES LISTED FOR EACH PIN ASSUME THAT EITHER THE INPUT OR OUTPUT IS ACTIVATED.			
CONN.	PIN #	FUNCTION	VOLTAGE
J3	1	FLASHING LAMP OUT	0 VDC
	2	I-ZONE ALARM	0 VDC
	3	DC POWER OUT	24 VDC
	4	RESET 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	INVERTER COMMON	24 VDC
	7	INVERTER OUTPUT (K1)	24 VDC
	8	INVERTER OUTPUT (K0)	24 VDC
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

NOTES:
ALL WIRES ARE 18 AWG BLUE, UNLESS OTHERWISE MARKED.
ALL 24VDC CONTROL WIRES ARE BLUE.
ALL 24VAC WIRES ARE RED.
ALL AC NEUTRAL WIRES ARE WHITE.

WARNING:
ALL BLACK WIRES ARE AT POTENTIALLY LETHAL VOLTAGES.



ITEM	QTY	PART NO.	DESCRIPTION
PARTS LIST / MATERIAL			
RITE-HITE DOORS INC.			
TITLE			
WIRING DIAGRAM			
SIZE: MODEL NUMBER: DWG NO: REV:			
D F36Trax CL 7826E002 1			
SCALE: 9"=1' PART # SHEET			

INCH TOLERANCES			DO NOT SCALE DRAWING	
OVER	UP TO	+/-		
0	0.125	0.005	DRAWN BY	MM-DD-YY
0.125	0.25	0.010		
0.25	1.25	0.020		
1.25	5	0.030		
5	15	0.040	CHECKED BY	DATE
15	40	0.080		
40	80	0.100	APPROVED BY	DATE
80	-	0.125		
ANGLES			INITIAL ECN	
+/- 1 DEG				
FINISH			DATE ISSUED	
			4/28/2009	
			REF	

4

3

DWG NO
7826E003

SHEET

REV
C

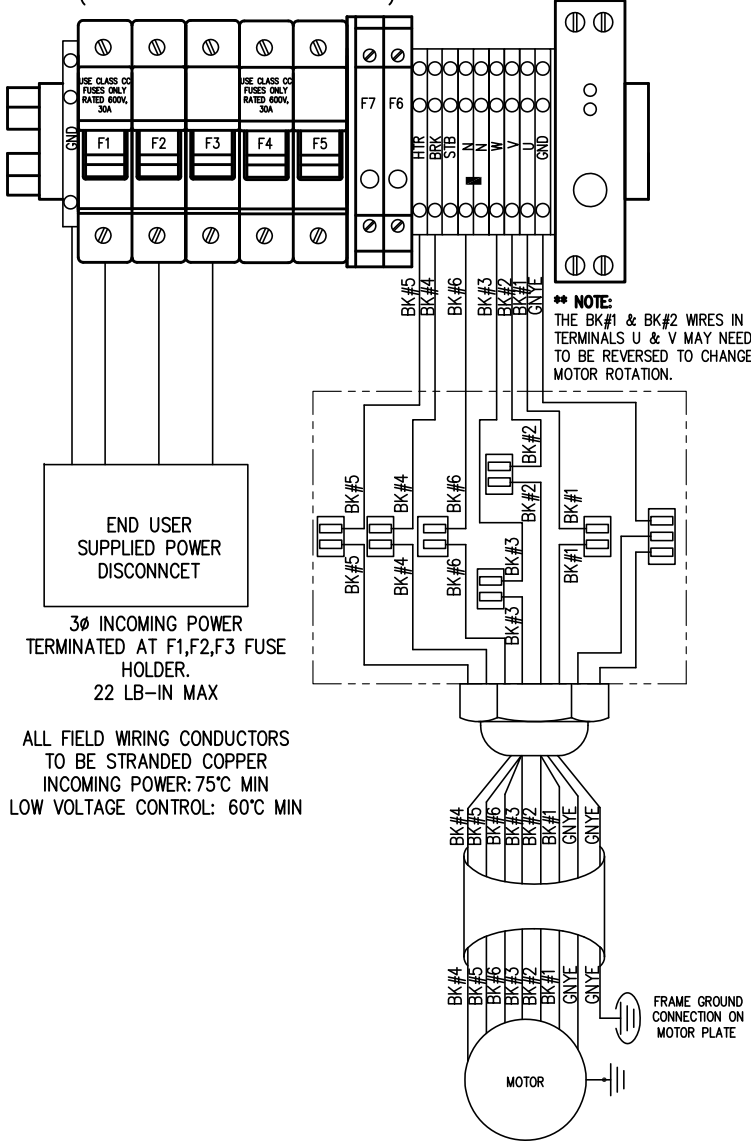
1

NEXT ASSEMBLY

REVISION HISTORY

REV	DESCRIPTION	ECN	DATE	BY	APPROVED
A	Change terminals from CK to CLK	5944	9/28/2009	MDB	
B	Clarify pe wiring	5944	10/9/2009	MDB	
C	Change style of drawing	6142	7/19/2010	MDB	

HIGH VOLTAGE TERMINALS
(GREATER THAN 100 VOLTS)



END USER
SUPPLIED POWER
DISCONNCT

3Ø INCOMING POWER
TERMINATED AT F1,F2,F3 FUSE
HOLDER.
22 LB-IN MAX

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

ITEM	QTY	PART NO.	DESCRIPTION
PARTS LIST / MATERIAL			

INCH TOLERANCES			DO NOT SCALE DRAWING	
OVER	UP TO	+ / -	MM-DD-YY	
0	0.125	0.005	DRAWN BY MDB	DATE 4/28/2009
0.125	0.25	0.010		
0.25	1.25	0.020	CHECKED BY	DATE
1.25	5	0.030	APPROVED BY	DATE
5	15	0.040	INITIAL ECN	
15	40	0.060	DATE ISSUED 4/28/2009	
40	80	0.100	REF	
80	-	0.125		
ANGLES +/- 1 DEG				
FINISH				

RITE-HITE
DOORS INC.

EXTERNAL FIELD WIRING DIAGRAM

SIZE	MODEL NUMBER	DWG NO	REV
B	FasTrax CL	7826E003	C
SCALE	4"=1'	PART #	SHEET

4

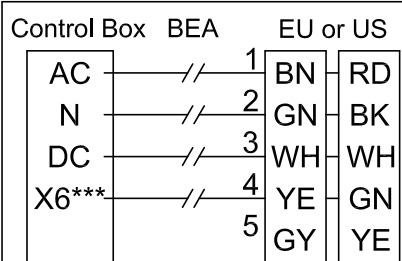
3

2

1

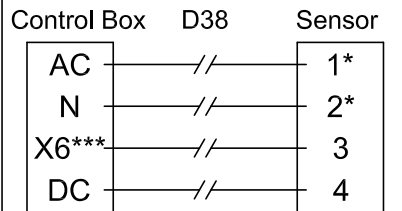
NEXT ASSEMBLY

BEA - Falcon,
IS-87, EagleHM



BEA Motion Sensors

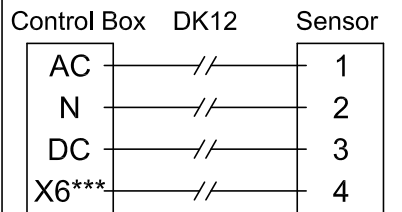
MS Sedco - D38



D38 Motion Sensor

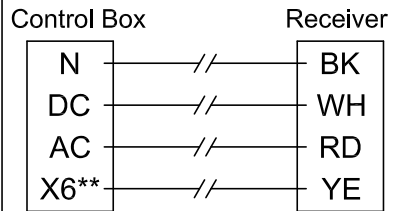
*If switched, green lite will be on, and F2 fuse blown.

BEA - DK-12



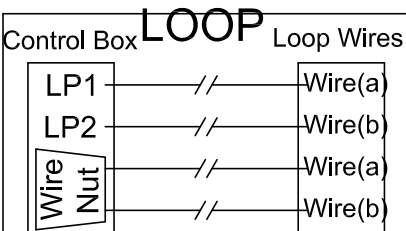
Presence Sensor

RADIO CONTROLS



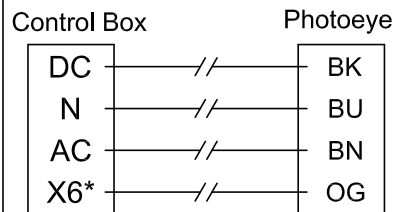
300MHz Radio Control

INDUCTION

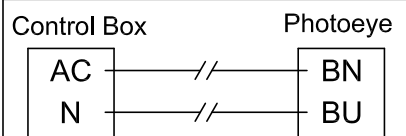


Loop Wiring

PHOTOEYES

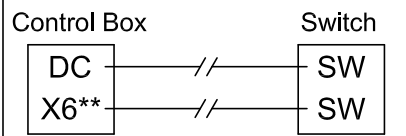


Retroreflective or Thru Beam Receiver



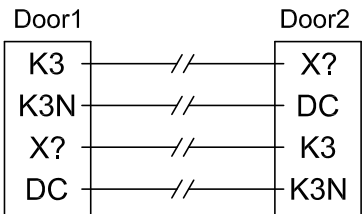
Thru Beam Emitter

PUSHBUTTONS
& PULL-CORDS



Wire Each device as shown.

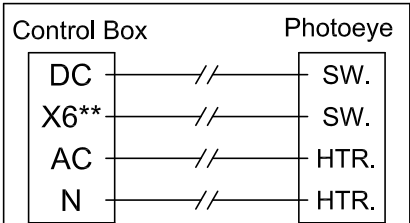
INTERLOCK



2 Door Standard Interlock

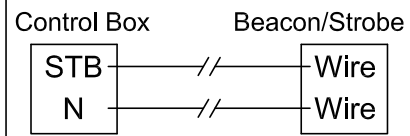
Note: Consult i-COMM manual to see which inputs can be assinged interlock in function. Connect K3 to whichever input is selected to become interlock in. No other devices should be connected to this input. Terminal Must be assigned to Interlock through i-COMM menu on both doors. (i.e. If X3 is to be assigned 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.

HEATED PULL
CORDS

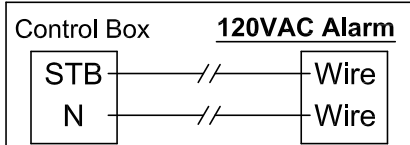


Heated Pull-Cord Station

STROBES & ALARMS



Warning Device Beacon/Strobe
Additional Relay Required
120VAC U.L. Listed .30 Amp Max



Audible Alarm

REVISION HISTORY

REV	DESCRIPTION	ECN	DATE	BY	APPROVED
A	UPDATE FALCON	5705	7/25/2008	LIP	

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.
Terminals "DC" are DC common for inputs.
Terminals "AC" and "N" are 24VAC terminals.

*Terminal X7 is a default
**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 for additional instructions.

ITEM	QTY	PART NO.	DESCRIPTION
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PARTS LIST / MATERIAL

INCH TOLERANCES			DO NOT SCALE DRAWING		RITE-HITE [®] DOORS INC.					
OVER	UP TO	+ / -								
0	0.125	0.005	DRAWN BY RPB						DATE 7/24/2008	
0.125	0.25	0.010								
0.25	1.25	0.020								
1.25	5	0.030								
5	15	0.040	CHECKED BY		DATE					
15	40	0.060								
40	80	0.100	APPROVED BY		DATE					
80	-	0.125								
ANGLES	+/- 1 DEG		INITIAL ECN		TITLE FasTrax SERIES ACTIVATION WIRING i-COMM					
FINISH			5288							
			DATE ISSUED							
			3/9/2007							
			REF		SIZE	MODEL NUMBER	DWG NO	REV		
					B	FasTrax/FasTrax FR	7822E011	A		
					SCALE		PART #	SHEET		
					8"=1'					