

		69	1	73550017	-	XFMR, 2.0KVA, 600:240 (NOT SHOWN - SHIP LOSS)
	575V OPTION ONLY {	68	1	51000019	-	FUSE HOLDER, 1 POLE, 600V, 30A
		67	2	51000038	-	FUSE, 3.5AMP, 600V, KLDK
WARNING	DEVICE RELAY OPTIONAL	64	1	52000035	-	HARN WIRE KIT, WARN DVC, 3RTN, 1 CH
		OR	AR	73750018	-	TRANS, HED1, 318, 2FTN, 1 FN, 1 CH
		OR	AR	73750019	-	TRANS, HED1, 318, 2FTN, 1 FN, 2 CH
	RADIO OPTION {	63	AR	73750015	-	TRANS, HED1, 318, 1FTN, 1 FN, 1 CH
		62	1	69250010	-	RCVR, HED1, 318, 2AV, 4 WKT, 1 FN, 1 CH
		61	10	67850065	-	SCR, FHMV, #8 x 3/16 BU X 1/4 TTA
WARNING	DEVICE RELAY OPTIONAL {	60	1	70550002	-	SOCKET, RELAY, 1 POLE, 250 VAC, SAMP
		59	1	66450014	-	RELAY, 24VDC, SPDT, 10 AMP
		58	2	74110001	-	WSHR, FLAT, 1/4 x 3/4 x 1/16, ZNC
		57	1	38120029	-	DIN RAIL LOW PROFILE 3.5"
		56	1	67850041	-	SCR, FHM5, PHLP, #8-32 x 7/8", ZNC
		55	2	74100002	-	WASHER, FLAT, 13/64 x 1/2 x .036, ZNC
		54	1	-	-	UL LABEL, ENCLOSED CONTROL PANEL
575V 30 OPTION ONLY, BI-PART ADD (1)		53	1	51950030	-	STARTER, MOTOR, MANUAL, 0.4-63A
30V 30 OPTION ONLY, BI-PART ADD (1)		52	1	51950031	-	STARTER, MOTOR, MANUAL, 0.63-1A
		51	-	-	-	-
	OPTIONAL LOOP {	50	1	17550010	-	CTRLRD LOOP DUAL, 12/24V
		49	1	52000067	9999MD42	HARN/DUAL LOOP CTRLR/LINKV
		45	1	65000550	-	PLATE MNT, I-COMM
	SPANISH OPTION ONLY {	44	1	53850490	8804M836	LABEL, SPANISH, SET, 8600, ELECTR, I-COMM
		43	1	53850503	8804M547	LABEL, SPANISH, CBOX, 8600, 1816
	FRENCH OPTION ONLY {	42	1	53850491	8804M803	LABEL, FRENCH, SET, 8600, ELECTR, I-COMM
		41	1	53850504	8804M548	LABEL, FRENCH, CBOX, 8600, 1816
		40	2	71300000	-	STANDOFF, NYLON, 0.1" x 7/16"
		39	1	51950067	9999M028	LCD, DISPLAY W/ CONNECTOR
		38	1	53850792	9999M027	LABEL, TERMINALS, I-COMM
		37	1	53850430	8804M588	LABEL, NAME/PLATE, PATENT, GEN, EXP
		36	1	53850489	8804M581	LABEL, SET, 8600, ELECTRICAL-COMM
		35	1	53850489	8804M549	LABEL, CBOX, 8600, (NOT SHOWN)
230V 30 & 380-460V 30 OPTION ONLY		34	1	51000013	-	FUSE HOLDER, 3 POLE, 600V, 30AMPS
		32	2	70350001	-	SOCKET, RELAY, 2 POLE, 250 VAC, SAMP
		31	2	66450001	-	RELAY, 24VAC, DPDT, 5 AMP
		31	4	71300005	-	STANDOFF, NYLON, PCB, 31X1X1
	575V 30 OPTION, ADD (1)	30	1	51000003	-	FUSE HOLDER, 2 POLE, 600V, 30AMP
		29	-	-	-	-
		28	1	38120026	-	DIN RAIL, LOW PROFILE, 14"
		27	1	53000018	-	IN, KEYPAD, KEB (NOT SHOWN)
		26	1	72700107	-	SW, PB, FLASHING LED, GRN
		25	1	52000032	-	HARN WIRE KIT, CBOX, 8600
		24	-	-	-	-
380 - 460V 30 OPTION ONLY		23	3	51000046	-	FUSE, 4.5AMP, 600V, CC, KLDK
		22	1	51000039	-	FUSE, 1AMP, 120V, RESETTABLE, PTC
		21	1	51000035	-	FUSE, 2.5AMP, 30V, RESETTABLE, PTC
	(1) for 575V	20	1	52000033	-	FUSE, 10A, 600V, CC TIME DELAY
		19	-	-	-	-
208 - 230V 30 OPTION ONLY		18	3	51000047	-	FUSE, 7AMP, 800V, CC, KLDK
		17	2	51000034	-	FUSE, 1AMP, 800V, CC, KLOR
		16	1	73100082	-	TERMINAL, WA, CAGE 20A, JUMP, 3P
		15	1	73100081	-	TERMINAL, WA, CAGE 20A, JUMP, 2P
		14	4	73100024	-	TERMINAL, END STOP, SCREWLESS
		13	1	73100086	-	TERMINAL, WA, CAGE 30A, SHOE BAR
		12	18	73100085	-	TERMINAL, WA, CAGE 25A, SHOE BAR
	ADD (1) FOR 575V	11	3	73100087	-	TERMINAL, WA, CAGE 20A, SHOE, GND
		10	1	72700202	-	OPERATOR, SWITCH, DISCONNECT
		9	1	72700201	-	BKPT, POWER DISCONNECT
		8	1	14500454	8804M579	BRKT, MOUNTING, RECTIFIER, CBOX, 8600
		7	1	66270004	-	RECTIFIER, CLUTCH, 1A, 120V
		OR	1	53300019	-	IN, 1HP, 230V, 3PH, 50/60HZ, KEB
		6	1	53300021	-	IN, 1HP, 480V, 3PH, 50/60HZ, KEB
		OR	1	73550010	-	XFMR, 150VA, 380V/1575V, 24/120
		5	1	73550009	-	XFMR, 150VA, 208/220/460V, 24/120
		4	1	65700006	-	POWER SUPPLY, DIN, 24VDC, 18W
		3	1	65100022	-	CONTROLLER, I-COMM
		2	1	12200069	8804M550	BACK PANEL, PUNCH, 8600, AC
208-230V, 575V 30 OPTION ONLY		1	1	43750128	8804M546	ENCL, PNC/H, WITH WINDOW, 8600

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	DRAWN BY		DATE			
5	15 0.040	CHECKED BY		DATE			
15	40 0.060	APPROVED BY		DATE			
40	80 0.100						
80	- 0.125						
ANGLES +/- 1 DEG		INITIAL ECN					
FINISH		4994					
		DATE ISSUED		SIZE		REV	
		2/19/2006		D		K	
REF				MODEL NUMBER		DWG NO	
				8600		8804E051	
				SCALE		PART #	
				9"x1"		1742.XXXX	
						SHEET 1	

D

C

B

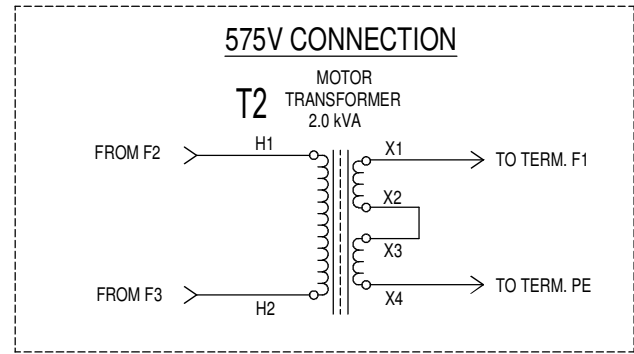
A

D

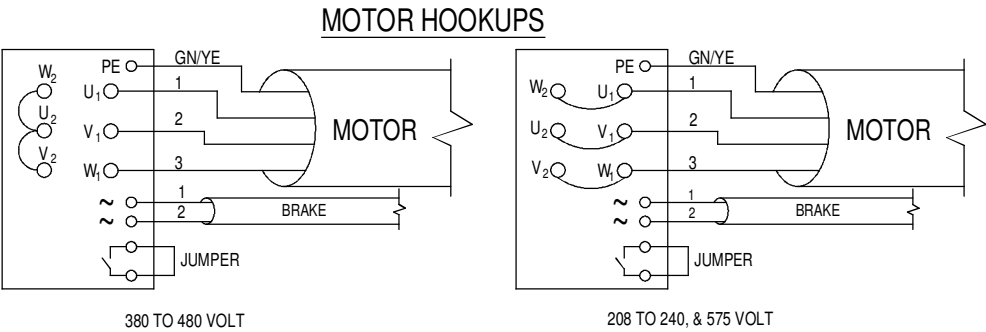
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B

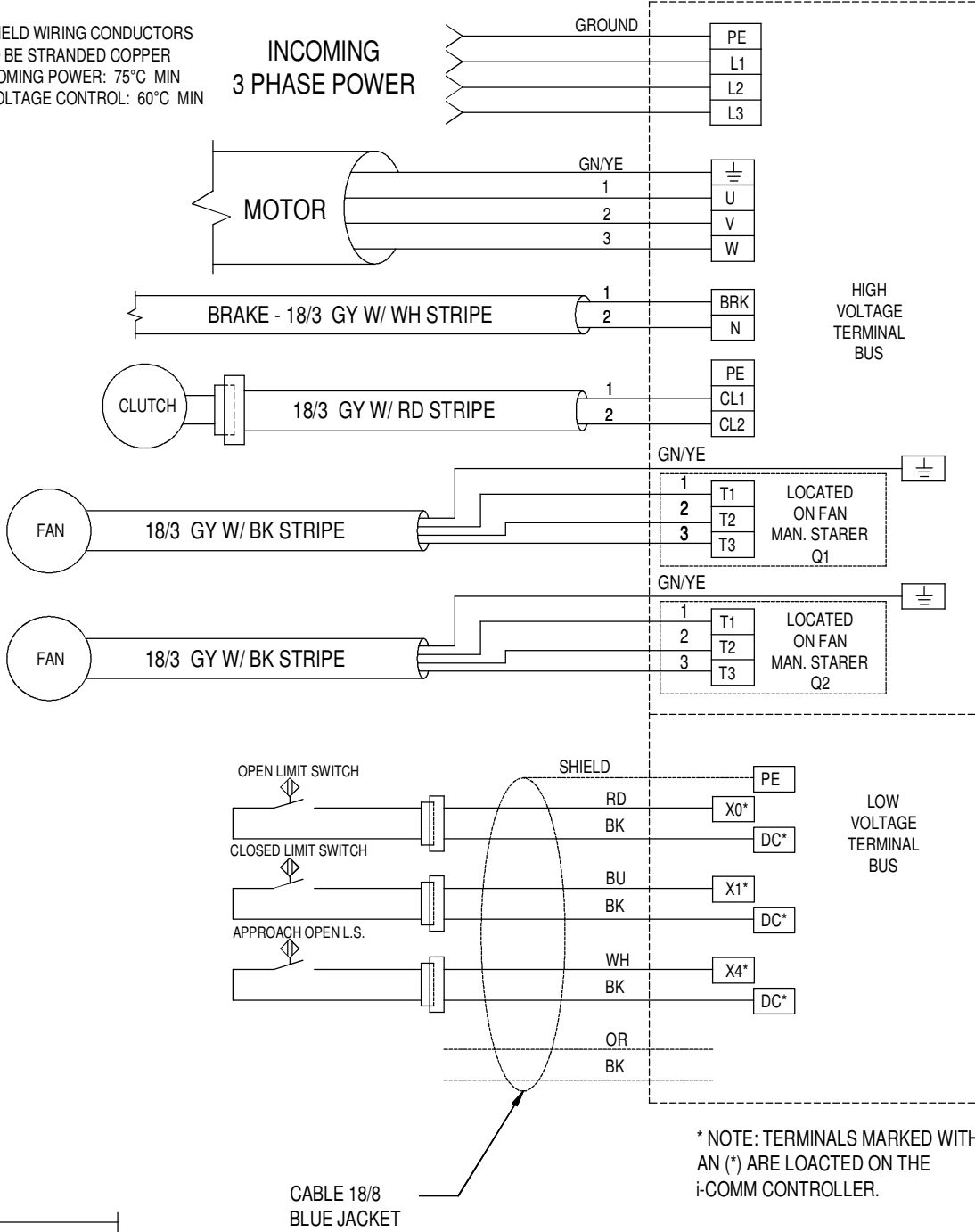
A



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



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



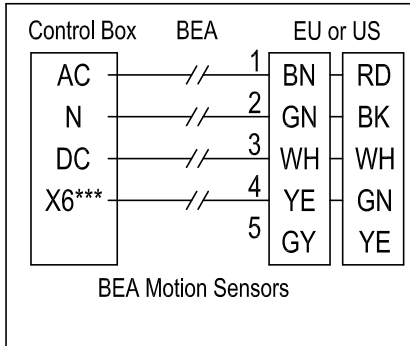
USE ONLY FACTORY SUPPLIED CABLE FOR
MOTOR, PHOTOEYES, & LIMIT SWITCHES.

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	FINISH	INITIAL ECN		TITLE	
		4994		EXTERNAL FIELD WIRING DIAGRAM	
		DATE ISSUED 2/20/2006		AC MOTOR	
		REF		8600, i-COMM	
		SIZE	MODEL NUMBER	DWG NO	REV
		D	8600	8804E054	C
		SCALE	1"=1"	PART #	SHEET

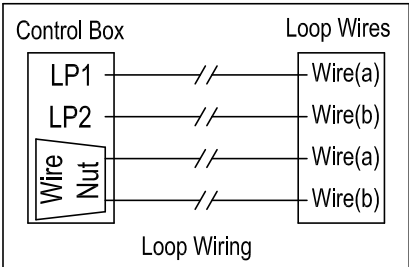
BRANCH CIRCUIT PROTECTION				
NOTE: BRANCH CIRCUIT PROTECTION MUST BE SUPPLIED BY THE END USER AND COMPLY WITH ALL NATIONAL AND LOCAL ELECTRICAL CODES. SIZING FOR PROTECTIVE DEVICES MAY BE BASED ON INTERMITTENT DUTY.				
MODEL	VOLTAGE	MOTOR F.L.A.	TOTAL F.L.A.	SERVICE AMPS
8600 (NO FANS)	208	3.0	6.3	30
	230-240		6.3	
	380-415	1.5	4.0	15
	440-480		4.0	
	575	3.0	3.5	
8600 (BI-PART)	208	3.0	8.3	30
	230-240		8.3	
	380-415	1.5	5.0	15
	440-480		5.0	
	575	3.0	4.5	
8600 (SINGLE SLIDE)	208	3.0	7.3	30
	230-240		7.3	
	380-415	1.5	4.5	15
	440-480		4.5	
	575	3.0	4.0	

NEXT ASSEMBLY

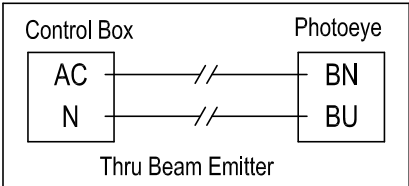
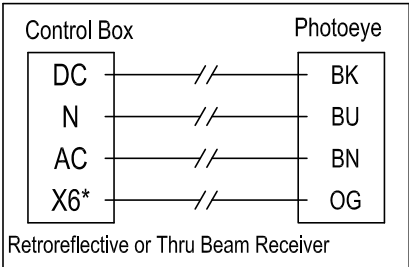
BEA - Falcon,
IS-87, EagleHM



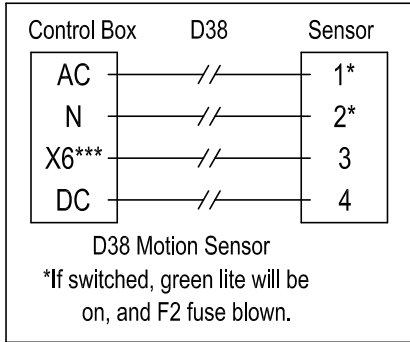
INDUCTION LOOP



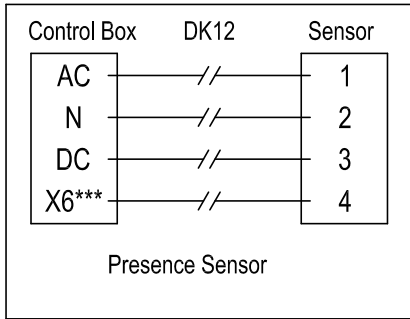
PHOTOEYES



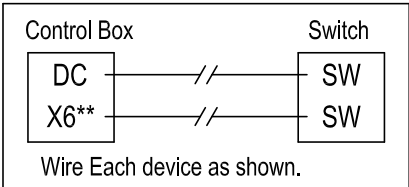
MS Sedco - D38



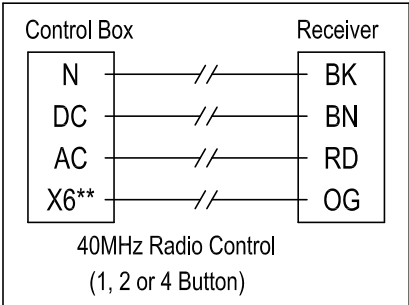
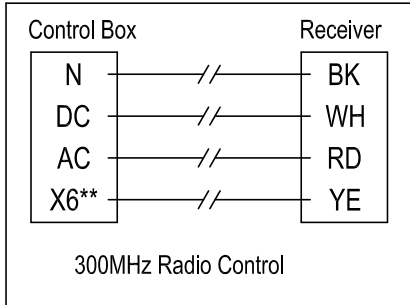
BEA - DK-12



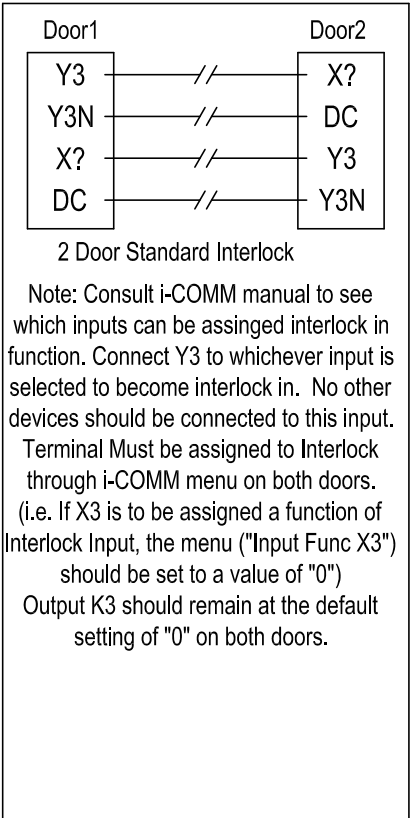
PUSHBUTTONS
& PULL-CORDS



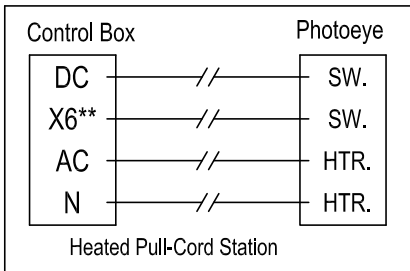
RADIO CONTROLS



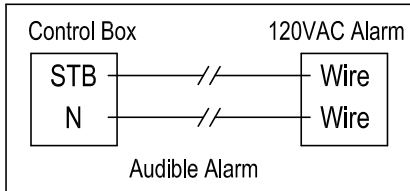
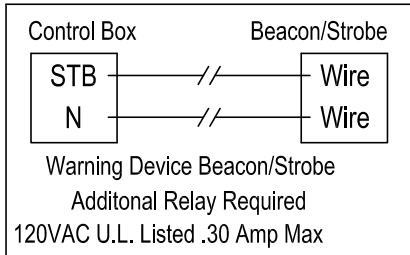
INTERLOCK



HEATED PULL
CORDS



STROBES & ALARMS



REVISION HISTORY

REV	DESCRIPTION	ECN	DATE	BY	APPROVED
A	UPDATE FALCON	5705	7/24/2008	LIP	

NOTES:

THIS DRAWING ASSUMES INPUT FUNCTIONS ARE SET TO FACTORY DEFUALTS.
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. X2 (not available for PRO System), 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
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 1/2/2006		TITLE BARRIER FOLD / ISO-TEK ACTIVATION WIRING DIAGRAM i-COMM					
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	APPROVED BY		DATE							
ANGLES		+/- 1 DEG										
FINISH			INITIAL ECN 4994		SIZE B		MODEL NUMBER 7514/8600		DWG NO 8820E023		REV A	
 			DATE ISSUED 2/20/2006		SCALE 8"=1'		PART # 1743.XXXX		SHEET			
			REF									