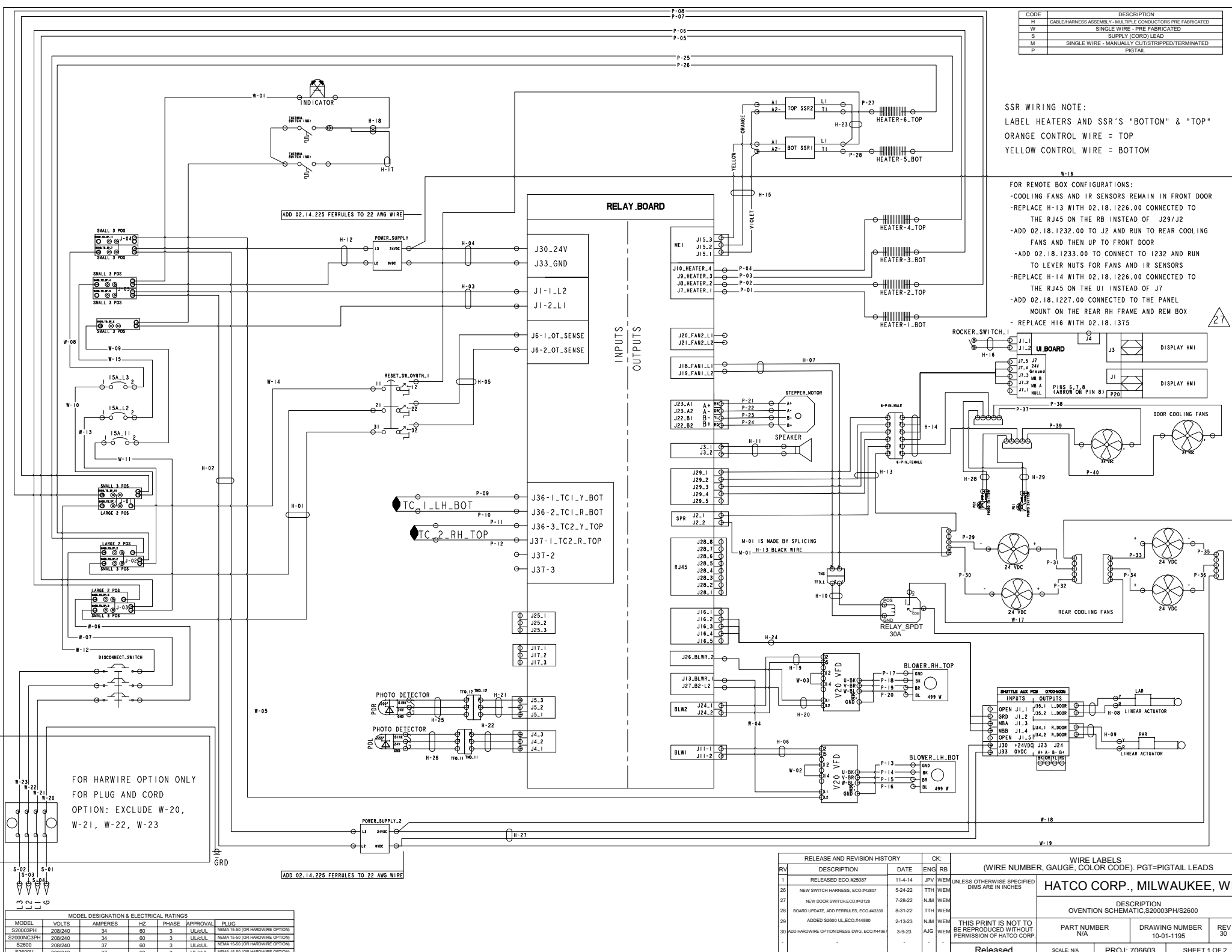


CODE	DESCRIPTION
H	CABLE/HARNESS ASSEMBLY - MULTIPLE CONDUCTORS PRE FABRICATED
W	SINGLE WIRE - PRE FABRICATED
S	SUPPLY (CORD) LEAD
M	SINGLE WIRE - MANUALLY CUT/STRIPPED/TERMINATED
P	PIGTAIL

SSR WIRING NOTE:
 LABEL HEATERS AND SSR'S "BOTTOM" & "TOP"
 ORANGE CONTROL WIRE = TOP
 YELLOW CONTROL WIRE = BOTTOM

FOR REMOTE BOX CONFIGURATIONS:
 -COOLING FANS AND IR SENSORS REMAIN IN FRONT DOOR
 -REPLACE H-13 WITH 02.18.1226.00 CONNECTED TO THE RJ45 ON THE RB INSTEAD OF J29/J2
 -ADD 02.18.1232.00 TO J2 AND RUN TO REAR COOLING FANS AND THEN UP TO FRONT DOOR
 -ADD 02.18.1233.00 TO CONNECT TO 1232 AND RUN TO LEVER NUTS FOR FANS AND IR SENSORS
 -REPLACE H-14 WITH 02.18.1226.00 CONNECTED TO THE RJ45 ON THE U1 INSTEAD OF J7
 -ADD 02.18.1227.00 CONNECTED TO THE PANEL MOUNT ON THE REAR RH FRAME AND REM BOX
 - REPLACE H16 WITH 02.18.1375

27



MODEL	VOLTS	AMPERES	Hz	PHASE	APPROVAL	PLUG
S20003PH	208/240	34	60	3	UL/LC/L	NEMA 15-50 (OR HARDWARE OPTION)
S2000NC3PH	208/240	34	60	3	UL/LC/L	NEMA 15-50 (OR HARDWARE OPTION)
S2600	208/240	37	60	3	UL/LC/L	NEMA 15-50 (OR HARDWARE OPTION)
S2600V	208/240	37	60	3	UL/LC/L	NEMA 15-50 (OR HARDWARE OPTION)

RV	DESCRIPTION	DATE	ENG	RB
1	RELEASED ECO #02587	11-4-14	JPV	WEM
26	NEW SWITCH HARNESS, ECO #42807	5-24-22	TTH	WEM
27	NEW DOOR SWITCH ECO #43128	7-28-22	NJM	WEM
28	BOARD UPDATE, ADD FERRULES, ECO #43339	8-31-22	TTH	WEM
29	ADDED S2600 UL ECO #44880	2-13-23	NJM	WEM
30	ADD HARDWARE OPTION DRESS DWG. ECO #44887	3-9-23	AJG	WEM

RELEASED	SCALE: N/A	PROJ: 706603	SHEET 1 OF 2
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ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
H-01	BLACK	14	WAGO_TB_3P_3	1	RESET_SW_OVNTN_1	31
H-01-2	BLUE	14	WAGO_TB_3P_2	1	RESET_SW_OVNTN_1	21
H-02-1	RED	18	WAGO_TB_3P_7	3	POWER_SUPPLY_2	L3
H-02-2	WHITE	18	WAGO_TB_3P_9	3	POWER_SUPPLY_2	L2
H-03-1	BLACK	18	WAGO_TB_3P_5	3	RELAY_BOARD	J11-2_L1
H-03-2	WHITE	18	WAGO_TB_3P_9	2	RELAY_BOARD	J11-1_L2
H-04-1	BLACK	22	POWER_SUPPLY	0 VDC	RELAY_BOARD	J33_GND
H-04-2	RED	22	POWER_SUPPLY	24 VDC	RELAY_BOARD	J30_24V
H-05-1	BLACK	14	RESET_SW_OVNTN_1	32	RELAY_BOARD	J6-2_OT_SENSE
H-05-2	BLUE	14	RESET_SW_OVNTN_1	22	RELAY_BOARD	J6-1_OT_SENSE
H-06-1	BLUE	22	RELAY_BOARD	J11-1	MOTOR_CTRL_OVNTN_2	
H-06-2	GRAY	22	MOTOR_CTRL_OVNTN_2	5	RELAY_BOARD	J11-2
H-07-1	BLACK	22	RELAY_BOARD	J18_FAN1_L1	TM3	
H-07-2	WHITE	22	RELAY_BOARD	J19_FAN1_L2	TM3	
H-08-1	BLUE	22	AUX_PCB_0700_5035_1	J35-1	LH_ACTUATOR	
H-08-2	GRAY	22	AUX_PCB_0700_5035_1	J35-2	LH_ACTUATOR	
H-09-1	VIOLET	22	AUX_PCB_0700_5035_1	J34-1	RIGHT_ACTUATOR	
H-09-2	GRAY	22	AUX_PCB_0700_5035_1	J34-2	RIGHT_ACTUATOR	
H-10-1	BLACK	22	TF3_L	2	RELAY_SPDT_1	POS
H-10-2	WHITE	22	TF3_L	2	RELAY_SPDT_1	GND
H-11-1	BLUE	22	RELAY_BOARD	J3-1	SPEAKER	
H-11-2	BROWN	22	RELAY_BOARD	J3-2	SPEAKER	
H-12-1	RED	18	WAGO_TB_3P_7	2	POWER_SUPPLY	L3
H-12-2	WHITE	18	WAGO_TB_3P_4	3	POWER_SUPPLY	L2
H-13-1	ORANGE	22	RELAY_BOARD	J29-1	6-PIN_MALE	
H-13-2	YELLOW	22	RELAY_BOARD	J29-2	6-PIN_MALE	
H-13-3	BROWN	22	RELAY_BOARD	J29-3	6-PIN_MALE	
H-13-4	GRAY	22	RELAY_BOARD	J29-4	6-PIN_MALE	
H-13-5	RED	22	RELAY_BOARD	J29-1	6-PIN_MALE	
H-13-6	BLACK	22	INLINE_CONNECTORS_1	1/5F	6-PIN_MALE	
H-14-1	ORANGE	22	6-PIN_FEMALE	1	UI_BOARD	
H-14-2	YELLOW	22	6-PIN_FEMALE	2	UI_BOARD	
H-14-3	BROWN	22	6-PIN_FEMALE	3	UI_BOARD	
H-14-4	GRAY	22	6-PIN_FEMALE	4	UI_BOARD	
H-14-5	RED	22	6-PIN_FEMALE	5	INLINE_CONNECTORS_5	3/5F
H-14-6	BLACK	22	6-PIN_FEMALE	6	INLINE_CONNECTORS_6	3/5F
H-15-1	ORANGE	22	RELAY_BOARD	J15_2	TOP_SSR2	A1
H-15-2	VIOLET	22	RELAY_BOARD	J15_1	BOT_SSR1	A2
H-15-3	VIOLET	22	RELAY_BOARD	J15_1	BOT_SSR1	A2
H-15-4	YELLOW	22	RELAY_BOARD	J15_3	BOT_SSR1	A1
H-16-1	BLACK	22	ROCKER_SWITCH_1	1	UI_BOARD	J1-1
H-16-2	WHITE	22	ROCKER_SWITCH_1	2	UI_BOARD	J1-2
H-17-1	BLACK	20	THERMAL_SWITCH_LH	1	THERMAL_SWITCH_RH	
H-17-2	BLACK	20	WAGO_TB_3P_5	2	THERMAL_SWITCH_LH	
H-18-1	BLACK	22	THERMAL_SWITCH_RH	2	INDICATOR_LAMP	
H-18-2	BLACK	22	THERMAL_SWITCH_RH	2	THERMAL_SWITCH_LH	
H-19-1	BLUE	22	MOTOR_CTRL_OVNTN_1	2	RELAY_BOARD	J24-L1
H-19-2	GRAY	22	MOTOR_CTRL_OVNTN_1	5	RELAY_BOARD	J24-L2
H-20-1	WHITE	18	RELAY_BOARD	J27_B2-L2	MOTOR_CTRL_OVNTN_1	L2
H-20-2	BLACK	18	RELAY_BOARD	J26_B1WR_2	MOTOR_CTRL_OVNTN_1	L1
H-21-1	ORANGE	22	RELAY_BOARD	J5-1	TMQ_12	
H-21-2	RED	22	RELAY_BOARD	J5-2	TMQ_12	
H-21-3	BLACK	22	RELAY_BOARD	J5-3	TMQ_12	
H-22-1	BLACK	22	RELAY_BOARD	J4-3	TMQ_11	
H-22-2	RED	22	RELAY_BOARD	J4-2	TMQ_11	
H-22-3	YELLOW	22	RELAY_BOARD	J4-1	TMQ_11	
H-23-1	RED	14	RESET_SW_OVNTN_1	12	BOT_SSR1	L1
H-23-2	RED	14	BOT_SSR1	1	TOP_SSR2	L1
H-24-1	BROWN	22	RELAY_BOARD	J16-2	AUX_PCB_0700_5035_1	J1-2
H-24-2	YELLOW	22	RELAY_BOARD	J16-3	AUX_PCB_0700_5035_1	J1-4
H-24-3	ORANGE	22	RELAY_BOARD	J16-4	AUX_PCB_0700_5035_1	J1-3
H-25-1	BLACK	22	TFQ_12	1	PHOTO_DETECTOR_RIGHT	S
H-25-2	BROWN	22	TFQ_12	2	PHOTO_DETECTOR_RIGHT	S
H-25-3	BLUE	22	TFQ_12	3	PHOTO_DETECTOR_RIGHT	SINK
H-26-1	BLACK	22	TFQ_11	1	PHOTO_DETECTOR_LEFT	S
H-26-2	BROWN	22	TFQ_11	2	PHOTO_DETECTOR_LEFT	S
H-26-3	BLUE	22	TFQ_11	3	PHOTO_DETECTOR_LEFT	SINK
H-27-1	BLACK	22	POWER_SUPPLY_2	0 VDC	AUX_PCB_0700_5035_1	J33
H-27-2	RED	22	POWER_SUPPLY_2	24 VDC	AUX_PCB_0700_5035_1	J30
H-28-1	BLUE	22	INLINE_CONNECTORS_5	2/5F	PHOTO_EMITTER_RIGHT	0
H-28-2	BROWN	22	INLINE_CONNECTORS_5	2/5F	PHOTO_EMITTER_RIGHT	24
H-29-1	BLUE	22	INLINE_CONNECTORS_6	1/5F	PHOTO_EMITTER_LEFT	0
H-29-2	BROWN	22	INLINE_CONNECTORS_5	1/5F	PHOTO_EMITTER_LEFT	24
J-01	GRAY	JUMPER	WAGO_TB_3P_10	4	WAGO_TB_2P_1	3
J-02	GRAY	JUMPER	WAGO_TB_2P_2	4	WAGO_TB_3P_2	5
J-03	GRAY	JUMPER	WAGO_TB_2P_3	4	WAGO_TB_3P_3	5
J-04	GRAY	JUMPER	WAGO_TB_3P_7	5	WAGO_TB_3P_11	5
J-05	GRAY	JUMPER	WAGO_TB_3P_4	5	WAGO_TB_3P_9	5
M-01	UNASSIGNED	UNASSIGNED	INLINE_CONNECTORS_1	5/5F	RELAY_BOARD	J2-2
P-01	WHITE W/ YELLOW	PGT	RELAY_BOARD	J7_HEATER_1	HEATER-1_BOT	1
P-02	WHITE W/ YELLOW	PGT	RELAY_BOARD	J8_HEATER_2	HEATER-2_TOP	2
P-03	WHITE W/ BLUE	PGT	RELAY_BOARD	J9_HEATER_3	HEATER-3_BOT	2
P-04	WHITE W/ BLUE	PGT	RELAY_BOARD	J10_HEATER_4	HEATER-4_TOP	2
P-05	WHITE W/ BLUE	PGT	HEATER-4_TOP	1	WAGO_TB_3P_3	2
P-06	WHITE W/ BLUE	PGT	HEATER-3_BOT	1	WAGO_TB_2P_3	2
P-07	WHITE W/ YELLOW	PGT	HEATER-2_TOP	1	WAGO_TB_3P_10	2
P-08	WHITE W/ YELLOW	PGT	HEATER-1_BOT	2	WAGO_TB_3P_10	1
P-09	YELLOW	PGT	TC-1_LH_BOT	1	RELAY_BOARD	J36-1_TC1_Y_BOT
P-10	RED	PGT	TC-1_LH_BOT	2	RELAY_BOARD	J36-2_TC1_R_BOT
P-11	YELLOW	PGT	TC-2_RH_TOP	1	RELAY_BOARD	J36-3_TC2_Y_TOP
P-12	RED	PGT	TC-2_RH_TOP	2	RELAY_BOARD	J37-1_TC2_R_TOP
P-13	GREEN	PGT	MOTOR_CTRL_OVNTN_2	GND-GR	BLOWER_LH_BOT	4
P-14	BLACK	PGT	MOTOR_CTRL_OVNTN_2	U-BK	BLOWER_LH_BOT	1
P-15	BROWN	PGT	MOTOR_CTRL_OVNTN_2	V-BR	BLOWER_LH_BOT	2
P-16	BLUE	PGT	MOTOR_CTRL_OVNTN_2	W-BL	BLOWER_LH_BOT	3
P-17	GREEN	PGT	MOTOR_CTRL_OVNTN_1	GND-GR	BLOWER_RH_TOP	4
P-18	BLACK	PGT	MOTOR_CTRL_OVNTN_1	U-BK	BLOWER_RH_TOP	1
P-19	BROWN	PGT	MOTOR_CTRL_OVNTN_1	V-BR	BLOWER_RH_TOP	2
P-20	BLUE	PGT	MOTOR_CTRL_OVNTN_1	W-BL	BLOWER_RH_TOP	3
P-21	BLACK	PGT	STEPPER MOTOR	A1	RELAY_BOARD	J23_A1
P-22	ORANGE	PGT	STEPPER MOTOR	A2	RELAY_BOARD	J23_A2
P-23	YELLOW	PGT	STEPPER MOTOR	B1	RELAY_BOARD	J22_B1
P-24	RED	PGT	STEPPER MOTOR	B2	RELAY_BOARD	J22_B2
P-25	WHITE W/ RED	PGT	HEATER-5_BOT	2	WAGO_TB_2P_2	2
P-26	WHITE W/ RED	PGT	HEATER-6_TOP	2	WAGO_TB_3P_2	2
P-27	WHITE W/ RED	PGT	TOP_SSR2	T1	HEATER-6_TOP	1
P-28	WHITE W/ RED	PGT	BOT_SSR1	T1	HEATER-5_BOT	1
P-29	BLACK	PGT	INLINE_CONNECTORS_1	3/5F	FAN_OVNTN_1	
P-30	BLACK	PGT	INLINE_CONNECTORS_1	4/5F	FAN_OVNTN_2	
P-31	RED	PGT	FAN_OVNTN_1	2	INLINE_CONNECTORS_2	3/5F
P-32	RED	PGT	FAN_OVNTN_2	+	INLINE_CONNECTORS_2	1/5F

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
P-33	RED	PGT	INLINE_CONNECTORS_3	1/5F	FAN_OVNTN_3	+
P-34	RED	PGT	INLINE_CONNECTORS_3	3/5F	FAN_OVNTN_4	+
P-35	BLACK	PGT	FAN_OVNTN_3	-	INLINE_CONNECTORS_4	5/5F
P-36	BLACK	PGT	INLINE_CONNECTORS_4	3/5F	FAN_OVNTN_4	+
P-37	RED	PGT	DOOR_FAN_1	+	INLINE_CONNECTORS_5	4/5F
P-38	RED	PGT	DOOR_FAN_2_c5	+	INLINE_CONNECTORS_5	5/5F
P-39	BLACK	PGT	DOOR_FAN_1	-	INLINE_CONNECTORS_6	4/5F
P-40	BLACK	PGT	DOOR_FAN_2_c5	-	INLINE_CONNECTORS_6	5/5F
S-01	GREEN	PGT	G	NA	T-BLOCK_1	Port_1_13
S-02	RED	PGT	L3	NA	T-BLOCK_1	Port_1_10
S-03	WHITE	PGT	L2	NA	T-BLOCK_1	Port_1_11
S-04	BLACK	PGT	L1	NA	T-BLOCK_1	Port_1_12
W-01	WHITE	20	WAGO_TB_3P_4	2	INDICATOR_LAMP	
W-02	BLACK	22	MOTOR_CTRL_OVNTN_2	14	MOTOR_CTRL_OVNTN_2	
W-03	BLACK	22	MOTOR_CTRL_OVNTN_1	4	MOTOR_CTRL_OVNTN_1	
W-04	BLACK	18	RELAY_BOARD	J13_B1WR_1	MOTOR_CTRL_OVNTN_2	L1
W-05	RED	18	WAGO_TB_3P_11	2	MOTOR_CTRL_OVNTN_2	L2
W-06	BLACK	6	DISCONNECT_SWITCH	T1	WAGO_TB_2P_3	1
W-07	WHITE	6	DISCONNECT_SWITCH	T2	WAGO_TB_2P_2	1
W-08	RED	12	15A_L3	2	WAGO_TB_3P_7	1
W-09	BLACK	12	15A_L1	2	WAGO_TB_3P_5	1
W-10	RED	12	WAGO_TB_3P_10	3	15A_L3	1
W-11	BLACK	12	WAGO_TB_3P_3	3	15A_L1	1
W-12	RED	6	DISCONNECT_SWITCH	1	WAGO_TB_2P_1	1
W-13	WHITE	12	15A_L2	1	WAGO_TB_3P_2	3
W-14	RED	14	WAGO_TB_2P_1	2	NC	
W-15	WHITE	12	15A_L2	2	WAGO_TB_3P_4	1
W-16	YELLOW	22	INLINE_CONNECTORS_2	5/5F	POWER_SUPPLY	24 VDC
W-17	ORANGE	22	RELAY_BOARD	NO	RELAY_SPDT_1	NO
W-18	ORANGE	18	RELAY_SPDT_1	COM	POWER_SUPPLY_2	24 VDC
W-19	GRAY	22	INLINE_CONNECTORS_4	1/5F	POWER_SUPPLY_2	0 VDC
W-20	GREEN	6	T-BLOCK_1	Port_1_9	GROUND_1	GRD
W-21	BLACK	6	T-BLOCK_1	Port_1_8	DISCONNECT_SWITCH	L1
W-22	WHITE	6	T-BLOCK_1	Port_1_7	DISCONNECT_SWITCH	L2
W-23	RED	6	T-BLOCK_1	Port_1_6	DISCONNECT_SWITCH	L3

DIAGRAM KEY

CODE	ITEM NUMBER
H-01	02.18.813.00
H-02	02.18.689.00
H-03	02.18.812.00
H-04	02.18.810.00
H-05	02.18.809.00
H-06	02.18.626.00
H-07	02.18.627.00
H-08	02.18.649.00
H-09	02.18.650.00
H-10	02.18.1043.00
H-11	02.18.814.00
H-12	02.18.689.00
H-13	02.18.811.00
H-14	02.18.636.00
H-15	02.18.691.00
H-16	02.18.1375.00
H-17	02.18.640.00
H-18	02.18.632.00
H-19	02.18.631.00
H-20	02.18.655.00
H-21	02.18.635.00
H-22	02.18.633.00
H-23	02.18.815.00
H-24	02.18.643.00
H-25	02.18.1158.00
H-26	02.18.1158.00
H-27	02.18.810.00
H-28	02.18.1159.00
H-29	02.18.1159.00
J-01	02.15.073.00
J-02	02.15.073.00
J-03	02.15.073.00
J-04	02.15.074.00

DIAGRAM KEY

CODE	ITEM NUMBER
J-05	02.15.074.00
M-01	UNASSIGNED
W-01	02.18.641.00
W-02	02.18.662.00
W-03	02.18.662.00
W-04	02.18.660.00
W-05	02.18.1336.00
W-06	02.18.667.00
W-07	02.18.668.00
W-08	02.18.688.00
W-09	02.18.669.00
W-10	02.18.688.00
W-11	02.18.669.00
W-12	02.18.687.00
W-13	02.18.670.00
W-14	02.18.817.00
W-15	02.18.670.00
W-16	02.18.1041.00
W-17	02.18.1040.00
W-18	02.18.1040.00
W-19	02.18.1042.00
W-20	02.18.1253.00
W-21	02.18.1254.00
W-22	02.18.1255.00
W-23	02.18.1258.00

ADDITIONAL BOM PARTS:

ITEM NUMBER QTY
02.14.225.00 2

CODE	DESCRIPTION
H	CABLE/HARNESS ASSEMBLY - MULTIPLE CONDUCTORS PRE-FABRICATED
S	SINGLE WIRE - PRE-FABRICATED
M	SUPPLY CORD/LEAD
P	SINGLE WIRE - MANUALLY CUT/STRIPPED/TERMINATED
P	PIGTAIL

BILL OF MATERIALS

ITEM NUMBER	QTY
02.15.073.00	3
02.15.074.00	2
02.18.626.00	1
02.18.627.00	1
02.18.631.00	1
02.18.632.00	1
02.18.633.00	1
02.18.635.00	1
02.18.636.00	1
02.18.640.00	1
02.18.641.00	1
02.18.643.00	1
02.18.649.00	1
02.18.650.00	1
02.18.655.00	1
02.18.660.00	1
02.18.662.00	2
02.18.667.00	1
02.18.668.00	1
02.18.669.00	2
02.18.670.00	2
02.18.687.00	1
02.18.688.00	2
02.18.689.00	2
02.18.691.00	1
02.18.809.00	1
02.18.810.00	2
02.18.811.00	1