

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

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
H-01-1	BLACK	14	WAGO_TB_3P_4	3	RESET_SW_OVNTN_1	31
H-01-2	BLUE	14	WAGO_TB_2P_2	2	RESET_SW_OVNTN_1	11
H-02-1	BLACK	18	WAGO_TB_3P_8	2	POWER_SUPPLY	L1
H-02-2	WHITE	18	WAGO_TB_3P_6	2	POWER_SUPPLY	L2
H-03-1	BLACK	18	WAGO_TB_3P_8	3	RELAY_BOARD	J1-2_L1
H-03-2	WHITE	18	WAGO_TB_3P_5	3	RELAY_BOARD	J1-1_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	12	RELAY_BOARD	J6-1_OT_SENSE
H-06-1	BLUE	22	RELAY_BOARD	J11-1	MOTOR_CTRL_OVNTN_2	2
H-06-2	GRAY	22	RELAY_BOARD	J11-2	MOTOR_CTRL_OVNTN_2	5
H-07-1	BLACK	22	RELAY_BOARD	J18_FAN1_L1	TM3	1
H-07-2	WHITE	22	RELAY_BOARD	J19_FAN1_L2	TM3	2
H-08-1	BLUE	22	RELAY_BOARD	J24-1	MOTOR_CTRL_OVNTN_1	2
H-08-2	GRAY	22	RELAY_BOARD	J24-2	MOTOR_CTRL_OVNTN_1	5
H-09-1	BLACK	22	TF3_L	1	RELAY_SPDT_1	POS
H-09-2	WHITE	22	TF3_L	2	RELAY_SPDT_1	GND
H-10-1	BLACK	18	WAGO_TB_3P_8	1	POWER_SUPPLY_1	L1
H-10-2	WHITE	18	WAGO_TB_3P_6	1	POWER_SUPPLY_1	L2
H-11-1	BLUE	22	RELAY_BOARD	J3_1	SPEAKER	2
H-11-2	BROWN	22	RELAY_BOARD	J3_2	SPEAKER	1
H-12-1	WHITE	18	RELAY_BOARD	J27_B2-L2	MOTOR_CTRL_OVNTN_1	L2
H-12-2	BLACK	18	RELAY_BOARD	J26_BLWR_2	MOTOR_CTRL_OVNTN_1	L1
H-13-1	ORANGE	22	RELAY_BOARD	J29-2	6-PIN_MALE	1
H-13-2	YELLOW	22	RELAY_BOARD	J29-1	6-PIN_MALE	2
H-13-3	BROWN	22	RELAY_BOARD	J29-3	6-PIN_MALE	3
H-13-4	GRAY	22	RELAY_BOARD	J29-4	6-PIN_MALE	4
H-13-5	RED	22	RELAY_BOARD	J2-1	6-PIN_MALE	5
H-13-6	BLACK	22	INLINE_CONNECTORS_3	1/5F	6-PIN_MALE	6
H-14-1	ORANGE	22	6-PIN_FEMALE	1	UI_BOARD	5
H-14-2	YELLOW	22	6-PIN_FEMALE	2	UI_BOARD	4
H-14-3	BROWN	22	6-PIN_FEMALE	3	UI_BOARD	3
H-14-4	GRAY	22	6-PIN_FEMALE	4	UI_BOARD	2
H-14-5	RED	22	6-PIN_FEMALE	5	INLINE_CONNECTORS_1	1/3F
H-14-6	BLACK	22	6-PIN_FEMALE	6	INLINE_CONNECTORS_2	1/3F
H-15-1	BLACK	24	TF2	2	REED_SW_2_RH	2
H-15-2	BLACK	24	TF2	1	REED_SW_2_RH	1
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	22	THERMAL_SWITCH_LH	1	THERMAL_SWITCH_RH	1
H-17-2	BLACK	22	WAGO_TB_3P_7	2	THERMAL_SWITCH_LH	1
H-18-1	BLACK	22	THERMAL_SWITCH_RH	2	INDICATOR_LAMP	1
H-18-2	BLACK	22	THERMAL_SWITCH_RH	2	THERMAL_SWITCH_LH	2
H-19-1	BROWN	22	RELAY_BOARD	J5_3	TM1	2
H-19-2	BROWN	22	RELAY_BOARD	J4_3	TM2	2
H-19-3	YELLOW	22	RELAY_BOARD	J4_1	TM2	1
H-19-4	ORANGE	22	RELAY_BOARD	J5_1	TM1	1
H-20-1	BLACK	24	TF1	2	REED_SW_1_LH	2
H-20-2	BLACK	24	TF1	1	REED_SW_1_LH	1
J-01	GRAY	JUMPER	WAGO_TB_2P_1	4	WAGO_TB_3P_1	5
J-02	GRAY	JUMPER	WAGO_TB_2P_2	4	WAGO_TB_3P_4	5
J-03	GRAY	JUMPER	WAGO_TB_3P_6	5	WAGO_TB_3P_5	5
J-04	GRAY	JUMPER	WAGO_TB_3P_8	5	WAGO_TB_3P_7	5
M-01	UNASSIGNED	UNASSIGNED	INLINE_CONNECTORS_3	5/5F	RELAY_BOARD	J2_2
P-01	WHITE W/ YELLOW	PGT	RELAY_BOARD	J7_HEATER_1	HEATER-1	1
P-02	WHITE W/ BLUE	PGT	RELAY_BOARD	J9_HEATER_3	HEATER-3	2
P-03	WHITE W/ YELLOW	PGT	HEATER-1	2	WAGO_TB_3P_1	2
P-04	WHITE W/ BLUE	PGT	HEATER-3	1	WAGO_TB_3P_1	3
P-05	BLACK	PGT	STEPPER_MOTOR	A1	RELAY_BOARD	J23_A1
P-06	ORANGE	PGT	STEPPER_MOTOR	A2	RELAY_BOARD	J23_A2
P-07	YELLOW	PGT	STEPPER_MOTOR	B1	RELAY_BOARD	J22_B1
P-08	RED	PGT	STEPPER_MOTOR	B2	RELAY_BOARD	J22_B2
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	GND
P-14	BLACK	PGT	MOTOR_CTRL_OVNTN_2	U-BK	BLOWER_LH_BOT	BK
P-15	BROWN	PGT	MOTOR_CTRL_OVNTN_2	V-BR	BLOWER_LH_BOT	BR
P-16	BLUE	PGT	MOTOR_CTRL_OVNTN_2	W-BL	BLOWER_LH_BOT	BL
P-17	GREEN	PGT	MOTOR_CTRL_OVNTN_1	GND-GR	BLOWER_RH_TOP	GND
P-18	BLACK	PGT	MOTOR_CTRL_OVNTN_1	U-BK	BLOWER_RH_TOP	BK
P-19	BROWN	PGT	MOTOR_CTRL_OVNTN_1	V-BR	BLOWER_RH_TOP	BR
P-20	BLUE	PGT	MOTOR_CTRL_OVNTN_1	W-BL	BLOWER_RH_TOP	BL
P-21	WHITE W/ RED	PGT	HEATER-2	1	WAGO_TB_3P_1	1
P-22	WHITE W/ RED	PGT	RELAY_BOARD	J8_HEATER_2	HEATER-2	2
P-23	BLACK	PGT	DOOR_FAN_1	-	INLINE_CONNECTORS_2	2/3F
P-24	BLACK	PGT	DOOR_FAN_2	-	INLINE_CONNECTORS_2	3/3F
P-25	RED	PGT	DOOR_FAN_1	+	INLINE_CONNECTORS_1	3/3F
P-26	RED	PGT	DOOR_FAN_2	+	INLINE_CONNECTORS_1	2/3F
P-27	BLACK	PGT	FAN_L_T	L1	INLINE_CONNECTORS_3	2/5F
P-28	BLACK	PGT	FAN_L_B	-	INLINE_CONNECTORS_3	4/5F
P-29	RED	PGT	INLINE_CONNECTORS_5	2/3F	FAN_L_T	-
P-30	RED	PGT	INLINE_CONNECTORS_5	1/3F	FAN_L_B	+
P-31	RED	PGT	INLINE_CONNECTORS_4	1/3F	FAN2_R_T	+
P-32	RED	PGT	INLINE_CONNECTORS_4	2/3F	FAN_R_B	+
P-33	BLACK	PGT	FAN2_R_T	1	INLINE_CONNECTORS_6	3/3F
P-34	BLACK	PGT	INLINE_CONNECTORS_6	2/3F	FAN_R_B	1
S-01	GREEN	PGT	G	NA	GROUND_c1	GRD

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
S-02	WHITE	PGT	L2	NA	WAGO_TB_2P_1	1
S-03	BLACK	PGT	L1	NA	WAGO_TB_2P_2	1
W-01	WHITE	20	INDICATOR_LAMP	2	WAGO_TB_3P_5	2
W-02	BLACK	22	MOTOR_CTRL_OVNTN_2	14	MOTOR_CTRL_OVNTN_2	12
W-03	BLACK	22	MOTOR_CTRL_OVNTN_1	14	MOTOR_CTRL_OVNTN_1	12
W-04	BLACK	18	RELAY_BOARD	J13_BLWR_1	MOTOR_CTRL_OVNTN_2	L1
W-05	WHITE	18	WAGO_TB_3P_6	3	MOTOR_CTRL_OVNTN_2	L2
W-06	BLACK	12	WAGO_TB_3P_4	2	15A - L1	1
W-07	WHITE	12	WAGO_TB_2P_1	2	15A - L2	1
W-08	WHITE	12	15A - L2	2	WAGO_TB_3P_5	1
W-09	BLACK	12	15A - L1	2	WAGO_TB_3P_7	1
W-10	ORANGE	18	POWER_SUPPLY_1	24 VDC	RELAY_SPDT_1	COM
W-11	GRAY	22	POWER_SUPPLY_1	0 VDC	INLINE_CONNECTORS_6	1/3F
W-12	ORANGE	18	RELAY_SPDT_1	NO	INLINE_CONNECTORS_4	3/3F
W-13	YELLOW	22	INLINE_CONNECTORS_5	3/3F	POWER_SUPPLY	24 VDC

BILL OF MATERIALS

ITEM NUMBER	QTY
02.15.073.00	2
02.15.074.00	2
02.18.561.00	2
02.18.626.00	1
02.18.627.00	1
02.18.631.00	1
02.18.632.00	1
02.18.636.00	1
02.18.639.00	1
02.18.640.00	1
02.18.641.00	1
02.18.655.00	1
02.18.657.00	1
02.18.659.00	1
02.18.660.00	1
02.18.662.00	2
02.18.669.00	2
02.18.670.00	2
02.18.682.00	2
02.18.811.00	1
02.18.812.00	1
02.18.813.00	1
02.18.814.00	1
02.18.1040.00	2
02.18.1041.00	1
02.18.1042.00	1
02.18.1043.00	1
02.18.1049.00	1
02.18.1375.00	1
CORD G	1
CORD L1	1
CORD L2	1
UNASSIGNED	1

ADDITIONAL BOM PARTS:

ITEM NUMBER	QTY
02.14.225.00	2



DIAGRAM KEY

CODE	ITEM NUMBER
H-01	02.18.813.00
H-02	02.18.682.00
H-03	02.18.812.00
H-04	02.18.659.00
H-05	02.18.657.00
H-06	02.18.626.00
H-07	02.18.627.00
H-08	02.18.631.00
H-09	02.18.1043.00
H-10	02.18.682.00
H-11	02.18.814.00
H-12	02.18.655.00
H-13	02.18.811.00
H-14	02.18.636.00
H-15	02.18.561.00
H-16	02.18.1375.00
H-17	02.18.640.00
H-18	02.18.632.00
H-19	02.18.639.00
H-20	02.18.561.00
J-01	02.15.073.00
J-02	02.15.073.00
J-03	02.15.074.00

DIAGRAM KEY

CODE	ITEM NUMBER
J-04	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	02.18.1049.00
W-06	02.18.669.00
W-07	02.18.670.00
W-08	02.18.670.00
W-09	02.18.669.00
W-10	02.18.1040.00
W-11	02.18.1042.00
W-12	02.18.1040.00
W-13	02.18.1041.00

RELEASE AND REVISION HISTORY				CK:		WIRE LABELS (WIRE NUMBER, GAUGE, COLOR CODE), PGT=PIGTAIL LEADS			
REV	DESCRIPTION	DATE	ENG	RB	WEM	HATCO CORP., MILWAUKEE, WI			
1	RELEASED ECO#23284	11-29-12	JPV	WEM	WEM				
22	ADDED FERRULES, ECO#43339	8-30-22	TTH	WEM	WEM				
23	ADD REM BOX OPTION, ECO#48737	5-16-23	NJM	WEM	WEM				
-	-	-	-	-	-	THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.			
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Released						SCALENA	PROJ: 706601	SHEET 2 OF 2	

MODEL DESIGNATION & ELECTRICAL RATINGS					
MODEL	VOLTS	AMPERES	PHASE	HZ	APPROVAL
M1313	208/240	26/29	1	60	UL NEMA 6-30
M1313	208	32/37	1	60	UL NEMA 6-50
M1313CSA	208	24	1	60	cUL NEMA 6-30