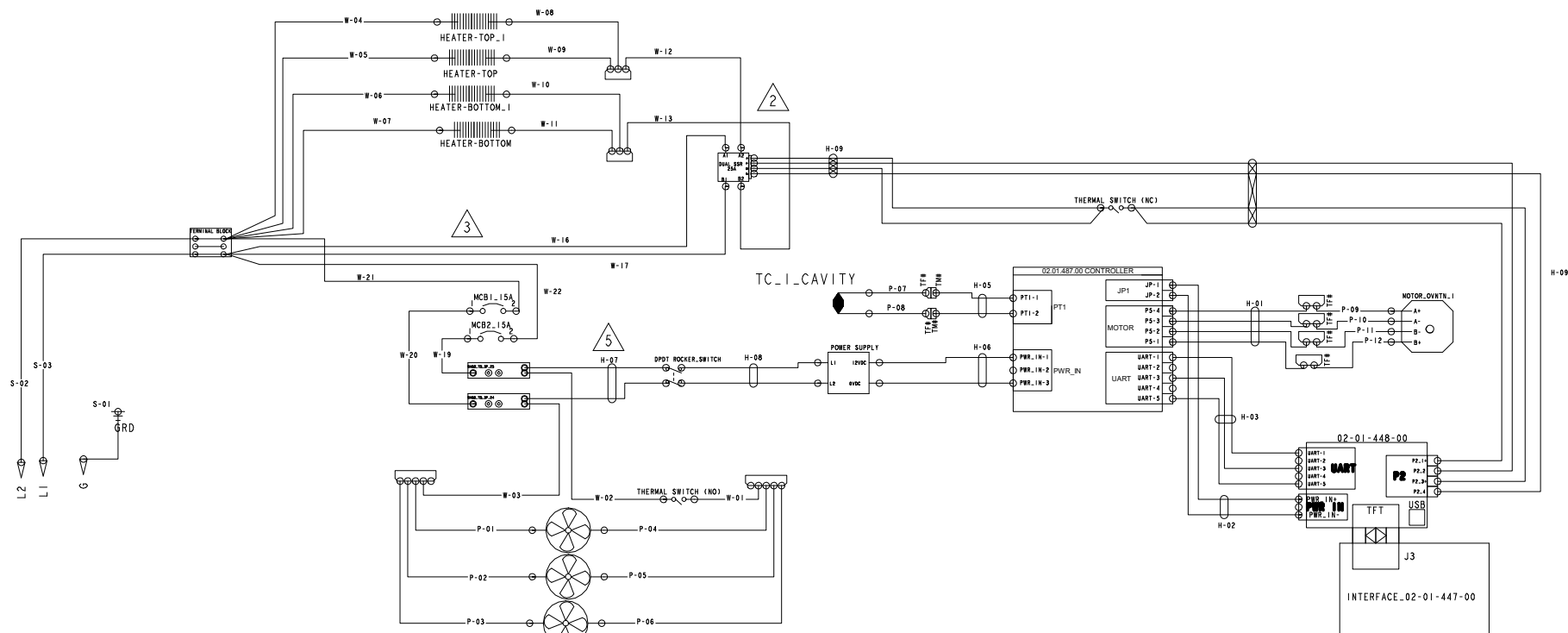


CODE	DESCRIPTION
H	CABLE/HARNESS ASSEMBLY - MULTIPLE CONDUCTORS PRE FABRICATED
W	SINGLE WIRE - PRE FABRICATED
S	SUPPLY (CORD) LEAD
M	SINGLE WIRE - MANUALLY CUT/STRIPPED/TERMINATED
P	PIGTAIL
J	TERMINAL BLOCK JUMPER



MODEL DESIGNATION & ELECTRICAL RATINGS						
MODEL	VOLTS	AMPERES	HZ	PHASE	APPROVAL	PLUG
F1400	208-240	29	60	1	UL/cUL	NEMA 6-50
F1400	208-240	24	60	1	UL/cUL	NEMA 6-30

RELEASE AND REVISION HISTORY				CK		WIRE LABELS (WIRE NUMBER, GAUGE, COLOR CODE), PGT=PIGTAIL LEADS				
RV	DESCRIPTION	DATE	ENG	RB						
1	RELEASED, ECU #40096	5-13-21	TJD	WJS	UNLESS OTHERWISE SPECIFIED DIM'S ARE IN INCHES	HATCO CORP., MILWAUKEE, WI				
2	REORGANIZED SR490, WATTS, ECU#40667	6-11-21	TJD	WJS						
3	REMOVED T-BLOCKS, ECU #41490	9-27-21	TJD	WJS						
4	UPDATE 10-01 FORMAT, ECU #41900	12-15-21	NJM	WJS		DESCRIPTION OVENTION SCHEMATIC,F1400				
5	H-07 WAS 655, ECU#43489	10-4-22	TJD	WEM	THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.	PART NUMBER N/A		DRAWING NUMBER 10-01-1637	REV 5	
-	-	-	-	-		Released		SCALE: N/A	PROJ: 737712	SHEET 1 OF 2
-	-	-	-	-						
-	-	-	-	-						
-	-	-	-	-						

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
J	TERMINAL BLOCK JUMPER

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
H-01.1	RED	22	INLINE_CONNECTORS_59	2/2F	STEPPER_BOARD_1	P5-1
H-01.2	YELLOW	22	INLINE_CONNECTORS_58	2/2F	STEPPER_BOARD_1	P5-2
H-01.3	BLACK	22	INLINE_CONNECTORS_54	2/2F	STEPPER_BOARD_1	P5-4
H-01.4	ORANGE	22	INLINE_CONNECTORS_57	2/2F	STEPPER_BOARD_1	P5-3
H-02.1	RED	22	STEPPER_BOARD_1	JP-1	INTERFACE_02-01-448_1	PWR_IN+
H-02.2	BLACK	22	STEPPER_BOARD_1	JP-2	INTERFACE_02-01-448_1	PWR_IN-
H-03.1	ORANGE	22	STEPPER_BOARD_1	UART-1	INTERFACE_02-01-448_1	UART-1
H-03.2	BLACK	22	STEPPER_BOARD_1	UART-3	INTERFACE_02-01-448_1	UART-3
H-03.3	YELLOW	22	STEPPER_BOARD_1	UART-5	INTERFACE_02-01-448_1	UART-5
H-05.1	RED	22	STEPPER_BOARD_1	PT1-1	INLINE_CONNECTORS_64	1/1M
H-05.2	BLACK	22	STEPPER_BOARD_1	PT1-2	INLINE_CONNECTORS_65	1/1M
H-06.1	RED	22	CONVERTER_2	12VDC	STEPPER_BOARD_1	PWR_IN-1
H-06.2	BLACK	22	CONVERTER_2	0VDC	STEPPER_BOARD_1	PWR_IN-3
H-07.1	WHITE	18	WAGO_TB_3P_24	2	ROCKER_SWITCH_1	2_1
H-07.2	BLACK	18	WAGO_TB_3P_25	2	ROCKER_SWITCH_1	1_1
H-08.1	WHITE	18	ROCKER_SWITCH_1	2_2	CONVERTER_2	L2
H-08.2	BLACK	18	ROCKER_SWITCH_1	1_2	CONVERTER_2	L1
H-09.1	RED	22	MICRO_SWITCH_2	1/2MS	INTERFACE_02-01-448_1	P2_1+
H-09.2	BLACK	22	OV_SSR_1	A-	INTERFACE_02-01-448_1	P2_2
H-09.3	RED	22	MICRO_SWITCH_2	1/2MS	INTERFACE_02-01-448_1	P2_3+
H-09.4	BLUE	22	OV_SSR_1	B-	INTERFACE_02-01-448_1	P2_4
H-09.5	RED	22	OV_SSR_1	A+	MICRO_SWITCH_2	2/2MS
H-09.6	RED	22	OV_SSR_1	B+	MICRO_SWITCH_2	2/2MS
P-01	BLACK	PGT	FAN_OVNTN_1	L2	INLINE_CONNECTORS_45	3/5F
P-02	BLACK	PGT	FAN_OVNTN_2	L2	INLINE_CONNECTORS_45	4/5F
P-03	BLACK	PGT	FAN_OVNTN_3	L2	INLINE_CONNECTORS_45	5/5F
P-04	BLACK	PGT	FAN_OVNTN_1	L1	INLINE_CONNECTORS_46	3/5F
P-05	BLACK	PGT	FAN_OVNTN_2	L1	INLINE_CONNECTORS_46	2/5F
P-06	BLACK	PGT	FAN_OVNTN_3	L1	INLINE_CONNECTORS_46	1/5F
P-07	YELLOW	PGT	TC_1_CAVITY	1	INLINE_CONNECTORS_63	1/1F
P-08	YELLOW	PGT	TC_1_CAVITY	2	INLINE_CONNECTORS_61	1/1F
P-09	BLACK	PGT	INLINE_CONNECTORS_54	1/2F	MOTOR_OVNTN_1	A1
P-10	ORANGE	PGT	INLINE_CONNECTORS_57	1/2F	MOTOR_OVNTN_1	A2
P-11	YELLOW	PGT	INLINE_CONNECTORS_58	1/2F	MOTOR_OVNTN_1	B1
P-12	RED	PGT	INLINE_CONNECTORS_59	1/2F	MOTOR_OVNTN_1	B2
S-01	GREEN	PGT	G	NA	GROUND_1	GRD
S-02	WHITE	PGT	L2	NA	TERMINAL_BLOCK_1	L2
S-03	BLACK	PGT	L1	NA	TERMINAL_BLOCK_1	L1
W-01	BLACK	18	MICRO_SWITCH_1	1/2MS	INLINE_CONNECTORS_46	4/5F
W-02	BLACK	18	WAGO_TB_3P_25	3	MICRO_SWITCH_1	2/2MS
W-03	WHITE	12	WAGO_TB_3P_24	3	INLINE_CONNECTORS_45	2/5F
W-04	WHITE	14	HEATER-TOP_1	1	TERMINAL_BLOCK_1	L2_1
W-05	WHITE	14	HEATER-TOP	1	TERMINAL_BLOCK_1	L2_1
W-06	WHITE	14	HEATER-BOTTOM_1	2	TERMINAL_BLOCK_1	L2_1
W-07	WHITE	14	HEATER-BOTTOM	2	TERMINAL_BLOCK_1	L2_1
W-08	TAN W/ BLACK	14	HEATER-TOP_1	2	INLINE_CONNECTORS_49	2/3F
W-09	TAN W/ BLACK	14	HEATER-TOP	2	INLINE_CONNECTORS_49	1/3F
W-10	TAN W/ BLACK	14	HEATER-BOTTOM_1	1	INLINE_CONNECTORS_50	2/3F
W-11	TAN W/ BLACK	14	HEATER-BOTTOM	1	INLINE_CONNECTORS_50	1/3F
W-12	BLACK	14	OV_SSR_1	A2	INLINE_CONNECTORS_49	3/3F
W-13	BLACK	14	INLINE_CONNECTORS_50	3/3F	OV_SSR_1	B2
W-16	BLACK	14	TERMINAL_BLOCK_1	L1_1	OV_SSR_1	A1
W-17	BLACK	14	TERMINAL_BLOCK_1	L1_1	OV_SSR_1	B1
W-19	BLACK	12	MCB2_15A	1	WAGO_TB_3P_25	1
W-20	WHITE	12	MCB1_15A	1	WAGO_TB_3P_24	1
W-21	WHITE	14	TERMINAL_BLOCK_1	L2_1	MCB1_15A	2
W-22	BLACK	14	TERMINAL_BLOCK_1	L1_1	MCB2_15A	2

BILL OF MATERIALS

ITEM NUMBER	QTY
02.18.655.00	1
02.18.669.00	1
02.18.670.00	2
02.18.912.00	1
02.18.914.00	1
02.18.987.00	1
02.18.1055.00	1
02.18.1261.00	4
02.18.1262.00	4
02.18.1263.00	2
02.18.1264.00	3
02.18.1266.00	1
02.18.1267.00	2
02.18.1268.00	1
02.18.1305.00	1
02.18.1317.00	1
CORD G	1
CORD L1	1
CORD L2	1

DIAGRAM KEY

CODE	ITEM NUMBER
H-01	02.18.1268.00
H-02	02.18.912.00
H-03	02.18.1055.00
H-05	02.18.987.00
H-06	02.18.914.00
H-07	02.18.1305.00
H-08	02.18.655.00
H-09	02.18.1317.00
W-01	02.18.1267.00
W-02	02.18.1267.00
W-03	02.18.670.00
W-04	02.18.1261.00
W-05	02.18.1261.00
W-06	02.18.1261.00
W-07	02.18.1261.00
W-08	02.18.1262.00
W-09	02.18.1262.00
W-10	02.18.1262.00
W-11	02.18.1262.00
W-12	02.18.1263.00
W-13	02.18.1263.00
W-16	02.18.1264.00
W-17	02.18.1264.00
W-19	02.18.669.00
W-20	02.18.670.00
W-21	02.18.1266.00
W-22	02.18.1264.00

RELEASE AND REVISION HISTORY					CK:	WIRE LABELS (WIRE NUMBER, GAUGE, COLOR CODE). PGT=PIGTAIL LEADS				
RV	DESCRIPTION	DATE	ENG	RB		HATCO CORP., MILWAUKEE, WI				
1	RELEASED, ECO#40696	5-13-21	TJD	WJS	UNLESS OTHERWISE SPECIFIED DIMS ARE IN INCHES	HATCO CORP., MILWAUKEE, WI				
2	REORGANIZE SSR.ADD WATTS, ECO#40857	6-11-21	TJD	WJS						
3	REMOVED T-BLOCKS, ECO.#41490	9-27-21	TJD	WJS						
4	UPDATE 10.01 FORMAT, ECO.#41900	12-15-21	NJM	WJS						
5	H-07 WAS 655, ECO#43489	10-4-22	TJD	WEM	THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.	PART NUMBER N/A		DRAWING NUMBER 10-01-1637		REV 5
-	-	-	-	-		Released		SCALE:N/A	PROJ: 737702	SHEET 2 OF 2
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-	-	-	-	-						