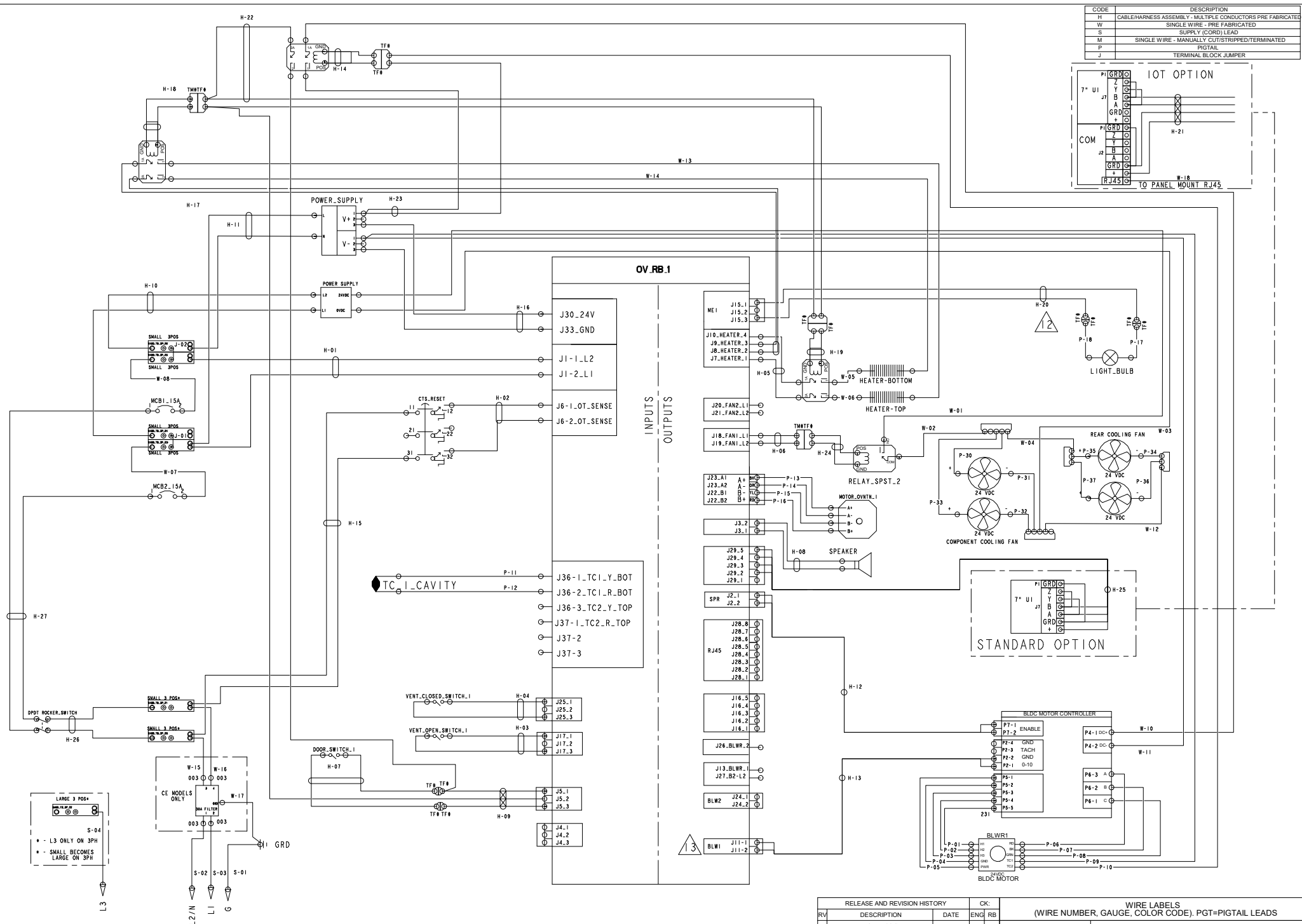
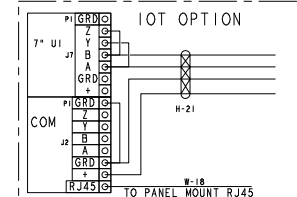


CODE	DESCRIPTION
H	CABLE/HARNESS ASSEMBLY, MULTIPLE CONDUCTORS PRE FABRICATED
W	SINGLE WIRE - PRE FABRICATED
S	SUPPLY (CORD) LEAD
M	SINGLE WIRE - MANUALLY CUT/STRIPPED/TERMINATED
P	PGTAIL
J	TERMINAL BLOCK JUMPER



RELEASE AND REVISION HISTORY				WIRE LABELS (WIRE NUMBER, GAUGE, COLOR CODE). PGT=PGTAIL LEADS			
RV	DESCRIPTION	DATE	ENG	CK:	HATCO CORP., MILWAUKEE, WI		
RB							
1	RELEASED, ECO #09403	6-5-18	TJD	JMN	DESCRIPTION OVENTION SCHEMATIC, MILO-14		
12	REMOVE LIGHT RELAY, ECO #49024	9-20-23	AUG	WEM			
13	J11 CORRECTION, ECO #51076	2-4-24	TTH	WEM	PART NUMBER N/A		
14	CLEAN UP DIAGRAM, ECO #53251	7-16-24	NJM	WEM			
-	-	-	-	-	DRAWING NUMBER 10-01-1465		
-	-	-	-	-			
-	-	-	-	-	REV 14		
-	-	-	-	-			
Released				SCALE: N/A	PROJ: 737702	SHEET 1 OF 2	

MODEL DESIGNATION & ELECTRICAL RATINGS					
MODEL	VOLTS	AMPERES	HZ	PHASE	APPROVAL
MILO-14	208-240	25/29	60	1	UL
MILO-14	208-240	25/29	60	3	UL
MILO-14	230	28	50	1	TBD

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
H-01-1	BLACK	18	WAGO_TB_3P_23	3	OV_RB_1	J1-2 L1
H-01-2	WHITE	18	WAGO_TB_3P_25	3	OV_RB_1	J1-1 L2
H-02-1	BLACK	14	CTS_RESET	32	OV_RB_1	J6-2 OT_SENSE
H-02-2	BLUE	14	CTS_RESET	12	OV_RB_1	J6-1 OT_SENSE
H-03-1	YELLOW	22	OV_RB_1	J17-1	VENT_OPEN_SWITCH_1	2/2VOS
H-03-2	WHITE	22	OV_RB_1	J17-3	VENT_OPEN_SWITCH_1	1/2VOS
H-04-1	ORANGE	22	OV_RB_1	J25-1	VENT_CLOSED_SWITCH_1	2/2VCS
H-04-2	WHITE	22	OV_RB_1	J25-3	VENT_CLOSED_SWITCH_1	1/2VCS
H-05-1	BLACK	14	OV_RB_1	J10-HEATER_4	RELAY_DPST_2	1A
H-05-2	BLUE	14	OV_RB_1	J7-HEATER_1	RELAY_DPST_2	2A
H-06-1	BLACK	22	OV_RB_1	J18-FANI_L1	INLINE_CONNECTORS_45	1/2M
H-06-2	WHITE	22	OV_RB_1	J19-FANI_L2	INLINE_CONNECTORS_45	2/2M
H-07-1	BLACK	22	DOOR_SWITCH_1	1/2DS	INLINE_CONNECTORS_29	1/1M
H-07-2	WHITE	22	DOOR_SWITCH_1	2/2DS	INLINE_CONNECTORS_13	1/1M
H-08-1	BLUE	22	OV_RB_1	J3-2	SPEAKER	2
H-08-2	BROWN	22	OV_RB_1	J3-1	SPEAKER	1
H-09-1	WHITE	22	RELAY_DPST_3	2	INLINE_CONNECTORS_12	1/1M
H-09-2	RED	22	INLINE_CONNECTORS_8	2/2F	OV_RB_1	J5-2
H-09-3	RED	22	INLINE_CONNECTORS_27	Port_1-3	INLINE_CONNECTORS_8	2/2F
H-09-4	WHITE	22	OV_RB_1	J5-1	INLINE_CONNECTORS_12	1/1M
H-09-5	BLUE	22	OV_RB_1	J5-3	INLINE_CONNECTORS_28	1/1M
H-10-1	BLACK	18	WAGO_TB_3P_24	1	CONVERTER_2	L1
H-10-2	WHITE	18	WAGO_TB_3P_26	1	CONVERTER_2	L2
H-11-1	WHITE	18	WAGO_TB_3P_26	2	CONVERTER_1	L
H-11-2	BLACK	18	WAGO_TB_3P_23	2	CONVERTER_1	L
H-12-1	RED	22	OV_RB_1	J2-2	BLDC_CTRL_1	P7-2 BLDC CONT
H-12-2	BLACK	22	OV_RB_1	J2-1	BLDC_CTRL_1	P7-1 BLDC CONT
H-13-1	BLUE	22	OV_RB_1	J11-2	BLDC_CTRL_1	P2-2 BLDC CONT
H-13-2	VIOLET	22	OV_RB_1	J11-1	BLDC_CTRL_1	P2-1 BLDC CONT
H-14-1	RED	22	INLINE_CONNECTORS_10	Port_1-2	RELAY_DPST_3	POS
H-14-2	BLACK	22	RELAY_DPST_3	GND	INLINE_CONNECTORS_10	Port_1-3
H-14-3	WHITE	22	RELAY_DPST_3	POS	RELAY_DPST_3	GND
H-15-1	BLACK	14	CTS_RESET	31	WAGO_TB_3P_21	2
H-15-2	BLUE	14	CTS_RESET	11	WAGO_TB_3P_20	2
H-16-1	RED	22	CONVERTER_1	V+1	OV_RB_1	J30-24V
H-16-2	BLACK	22	CONVERTER_1	V-2	OV_RB_1	J33-GND
H-17-1	BLACK	14	OV_RB_1	J8-HEATER_2	RELAY_DPST_1	2A
H-17-2	BLUE	14	OV_RB_1	J9-HEATER_3	RELAY_DPST_1	1A
H-18-1	RED	22	RELAY_DPST_1	POS	INLINE_CONNECTORS_7	2/2M
H-18-2	BLACK	22	RELAY_DPST_1	GND	INLINE_CONNECTORS_7	Port_1-1
H-18-3	WHITE	22	RELAY_DPST_1	GND	RELAY_DPST_1	POS
H-19-1	RED	22	RELAY_DPST_2	POS	INLINE_CONNECTORS_26	Port_1-2
H-19-2	BLACK	22	RELAY_DPST_2	GND	INLINE_CONNECTORS_26	Port_1-3
H-19-3	WHITE	22	RELAY_DPST_2	GND	RELAY_DPST_2	POS
H-20-1	BLACK	22	OV_RB_1	J15-1	INLINE_CONNECTORS_35	Port_1-5
H-20-2	RED	22	OV_RB_1	J15-3	INLINE_CONNECTORS_32	Port_1-5
H-21-1	GRAY	22	NC		INTERFACE_0700_5005_2	J2-1
H-21-2	BROWN	22	NC		INTERFACE_0700_5005_2	J2-2
H-21-3	ORANGE	22	NC		INTERFACE_0700_5005_3	J7-4
H-21-4	YELLOW	22	NC		INTERFACE_0700_5005_3	J7-3
H-21-5	ORANGE	22	INTERFACE_0700_5005_3	J7-4	INTERFACE_0700_5005_3	J7-6
H-21-6	YELLOW	22	INTERFACE_0700_5005_3	J7-3	INTERFACE_0700_5005_3	J7-5
H-21-7	BLACK	22	INTERFACE_0700_5005_2	J2-2	INTERFACE_0700_5005_2	COM_P1
H-22-1	WHITE	22	INLINE_CONNECTORS_8	1/2F	RELAY_DPST_3	2A
H-22-2	WHITE	22	INLINE_CONNECTORS_8	1/2F	INLINE_CONNECTORS_27	Port_1-2
H-23-1	RED	22	CONVERTER_1	V+3	RELAY_DPST_3	1
H-23-2	RED	22	CONVERTER_1	V+3	INLINE_CONNECTORS_14	Port_1-3
H-24-1	BLACK	22	RELAY_SPST_2	POS	INLINE_CONNECTORS_39	Port_1-2
H-24-2	WHITE	22	RELAY_SPST_2	GND	INLINE_CONNECTORS_39	Port_1-3
H-25-1	GRAY	22	OV_RB_1	J29-5	INTERFACE_0700_5005_1	J7-1
H-25-2	BROWN	22	OV_RB_1	J29-4	INTERFACE_0700_5005_1	J7-2
H-25-3	ORANGE	22	OV_RB_1	J29-3	INTERFACE_0700_5005_1	J7-4
H-25-4	YELLOW	22	OV_RB_1	J29-2	INTERFACE_0700_5005_1	J7-3
H-25-5	ORANGE	22	INTERFACE_0700_5005_1	J7-4	INTERFACE_0700_5005_1	J7-6
H-25-6	YELLOW	22	INTERFACE_0700_5005_1	J7-3	INTERFACE_0700_5005_1	J7-5
H-26-1	BLACK	22	WAGO_TB_3P_20	J7-2	INTERFACE_0700_5005_1	P1
H-26-2	WHITE	18	WAGO_TB_3P_21	1	ROCKER_SWITCH_1	Port_1-1
H-27-1	WHITE	18	ROCKER_SWITCH_1	Port_1-2	MCB1_15A	1
H-27-2	BLACK	18	ROCKER_SWITCH_1	Port_1-3	MCB2_15A	1
J-01	GRAY	JUMPER	WAGO_TB_3P_24	5	WAGO_TB_3P_23	5
J-02	GRAY	JUMPER	WAGO_TB_3P_26	5	WAGO_TB_3P_25	5
P-01	BROWN	PGT	BLOWER_1	H1 BLDC MOTOR	BLDC_CTRL_1	P5-5 BLDC CONT
P-02	BLUE	PGT	BLOWER_1	H2 BLDC MOTOR	BLDC_CTRL_1	P5-4 BLDC CONT
P-03	ORANGE	PGT	BLOWER_1	H3 BLDC MOTOR	BLDC_CTRL_1	P5-3 BLDC CONT
P-04	GRAY	PGT	BLOWER_1	GND BLDC MOTOR	BLDC_CTRL_1	P5-2 BLDC CONT
P-05	YELLOW	PGT	BLOWER_1	PWR BLDC MOTOR	BLDC_CTRL_1	P5-1 BLDC CONT
P-06	RED	PGT	BLOWER_1	RD BLDC MOTOR	BLDC_CTRL_1	P6-3 BLDC CONT
P-07	BLACK	PGT	BLOWER_1	BK BLDC MOTOR	BLDC_CTRL_1	P6-2 BLDC CONT
P-08	VIOLET	PGT	BLOWER_1	GRN BLDC MOTOR	BLDC_CTRL_1	P6-1 BLDC CONT
P-09	WHITE	PGT	CONVERTER_1	V-3	BLOWER_1	TC1 BLDC MOTOR
P-10	WHITE	PGT	INLINE_CONNECTORS_14	Port_1-2	BLOWER_1	TC2 BLDC MOTOR
P-11	YELLOW	PGT	TC_1_CAVITY	1	OV_RB_1	J36-1 TC1_Y_BOT
P-12	RED	PGT	TC_1_CAVITY	2	OV_RB_1	J36-2 TC1_R_BOT
P-13	BLACK	PGT	OV_RB_1	J23-A1	MOTOR_OVNTN_1	A1
P-14	ORANGE	PGT	OV_RB_1	J23-A2	MOTOR_OVNTN_1	A2
P-15	YELLOW	PGT	OV_RB_1	J22-B1	MOTOR_OVNTN_1	B1
P-16	RED	PGT	OV_RB_1	J22-B2	MOTOR_OVNTN_1	B2
P-17	WHITE	PGT	LIGHT_BULB_1	Port_1-1	INLINE_CONNECTORS_34	Port_1-5
P-18	WHITE	PGT	LIGHT_BULB_1	Port_1-1	INLINE_CONNECTORS_33	Port_1-5
P-30	RED	PGT	FAN_OVNTN_1	1	INLINE_CONNECTORS_41	2/5F
P-31	BLACK	PGT	FAN_OVNTN_1	2	INLINE_CONNECTORS_42	2/5F
P-32	BLACK	PGT	FAN_OVNTN_2	1	INLINE_CONNECTORS_42	1/5F
P-33	RED	PGT	FAN_OVNTN_2	1	INLINE_CONNECTORS_41	3/5F
P-34	BLACK	PGT	FAN_OVNTN_3	2	INLINE_CONNECTORS_44	3/3F

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
P-35	RED	PGT	INLINE_CONNECTORS_43	2/3F	FAN_OVNTN_3	1
P-36	BLACK	PGT	FAN_OVNTN_4	2	INLINE_CONNECTORS_44	2/3F
P-37	RED	PGT	INLINE_CONNECTORS_43	3/3F	FAN_OVNTN_4	1
S-01	GREEN	PGT	G	NA	GROUND_1	GRD
S-02	WHITE	PGT	L2/N	NA	30A_250V_FILTER_1	1
S-03	BLACK	PGT	L1	NA	30A_250V_FILTER_1	2
S-04	RED	PGT	L3	NA	WAGO_TB_3P_22	3
W-01	ORANGE	18	RELAY_SPST_2	NO	CONVERTER_2	24VDC
W-02	ORANGE	18	RELAY_SPST_2	COM	INLINE_CONNECTORS_41	5/5F
W-03	GRAY	22	INLINE_CONNECTORS_42	3/5F	CONVERTER_2	0VDC
W-04	YELLOW	22	INLINE_CONNECTORS_43	1/3F	INLINE_CONNECTORS_41	1/5F
W-05	WHITE	14	RELAY_DPST_2	1	HEATER-BOTTOM	2
W-06	WHITE	14	RELAY_DPST_2	2	HEATER-TOP	2
W-07	BLACK	12	MCB2_15A	2	WAGO_TB_3P_23	1
W-08	WHITE	12	MCB1_15A	2	WAGO_TB_3P_25	1
W-10	RED	22	BLDC_CTRL_1	P4-1 BLDC CONT	RELAY_DPST_3	1A
W-11	BLACK	22	CONVERTER_1	V-3	BLDC_CTRL_1	P4-2 BLDC CONT
W-12	GRAY	22	INLINE_CONNECTORS_44	1/3F	INLINE_CONNECTORS_42	4/5F
W-13	WHITE	14	HEATER-TOP	2	RELAY_DPST_1	1
W-14	WHITE	14	HEATER-BOTTOM	1	RELAY_DPST_1	2
W-15	WHITE	12	WAGO_TB_3P_20	3	30A_250V_FILTER_1	3
W-16	BLACK	12	30A_250V_FILTER_1	4	WAGO_TB_3P_21	3
W-17	GREEN	10	30A_250V_FILTER_1	GND	GROUND_1	GRD
W-18	BLACK	26	INTERFACE_0700_5005_2	RJ45	NC	

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

BILL OF MATERIALS

ITEM NUMBER	QTY
02.15.074.00	2
02.18.629.00	1
02.18.655.00	1
02.18.669.00	2
02.18.670.00	2
02.18.736.00	2
02.18.813.00	1
02.18.814.00	1
02.18.857.00	1
02.18.910.00	1
02.18.944.00	3
02.18.952.00	4
02.18.954.00	1
02.18.955.00	1
02.18.956.00	1
02.18.957.00	1
02.18.962.00	1
02.18.963.00	1
02.18.969.00	1
02.18.995.00	1
02.18.996.00	1
02.18.1040.00	2
02.18.1041.00	1
02.18.1042.00	2
02.18.1043.00	1
02.18.1058.00	1
02.18.1060.00	1
02.18.1149.00	2
02.18.1241.00	2
02.18.1275.00	1
02.18.1305.00	2
02.18.1482.00	1
CORD G	1
CORD L1	1
CORD L2	1
CORD L3	1

DIAGRAM KEY

CODE	ITEM NUMBER
H-01	02.18.736.00
H-02	02.18.857.00
H-03	02.18.955.00
H-04	02.18.956.00
H-05	02.18.1149.00
H-06	02.18.629.00
H-07	02.18.954.00
H-08	02.18.814.00
H-09	02.18.1058.00
H-10	02.18.736.00
H-11	02.18.655.00
H-12	02.18.962.00
H-13	02.18.963.00
H-14	02.18.944.00
H-15	02.18.813.00
H-16	02.18.957.00
H-17	02.18.1149.00
H-18	02.18.944.00
H-19	02.18.944.00
H-20	02.18.1482.00
H-21	02.18.1241.00
H-22	02.18.1060.00
H-23	02.18.996.00

DIAGRAM KEY

CODE	ITEM NUMBER
H-24	02.18.1043.00
H-25	02.18.1241.00
H-26	02.18.1305.00
H-27	02.18.1305.00
J-01	02.15.074.00
J-02	02.15.074.00
W-01	02.18.1040.00
W-02	02.18.1040.00
W-03	02.18.1042.00
W-04	02.18.1041.00
W-05	02.18.952.00
W-06	02.18.952.00
W-07	02.18.669.00
W-08	02.18.670.00
W-10	02.18.969.00
W-11	02.18.995.00
W-12	02.18.1042.00
W-13	02.18.952.00
W-14	02.18.952.00
W-15	02.18.670.00
W-16	02.18.669.00
W-17	02.18.1275.00
W-18	02.18.910.00



CE ONLY
 ADDITIONAL BOM PARTS:
 ITEM NUMBER QTY
 02.14.003.00 4

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 #29403	6-5-18	TJD	JMN						
12	REMOVED LIGHT RELAY, ECO #49024	9-20-23	AUG	WEM	UNLESS OTHERWISE SPECIFIED DIMS ARE IN INCHES	DESCRIPTION OVENTION SCHEMATIC, MILO-14				
13	J11 CORRECTION, ECO #51076	2-4-24	THH	WEM						
14	CLEAN UP DIAGRAM, ECO #53251	7-16-24	NJM	WEM						
						THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.		PART NUMBER N/A	DRAWING NUMBER 10-01-1465	REV 14
						Released		SCALE: N/A	PROJ: 737702	SHEET 2 OF 2