

PART NUMBER 3758574 REV B

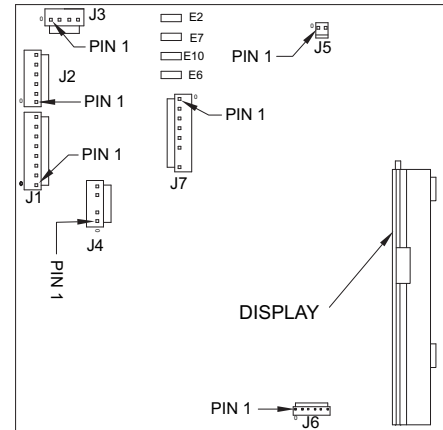
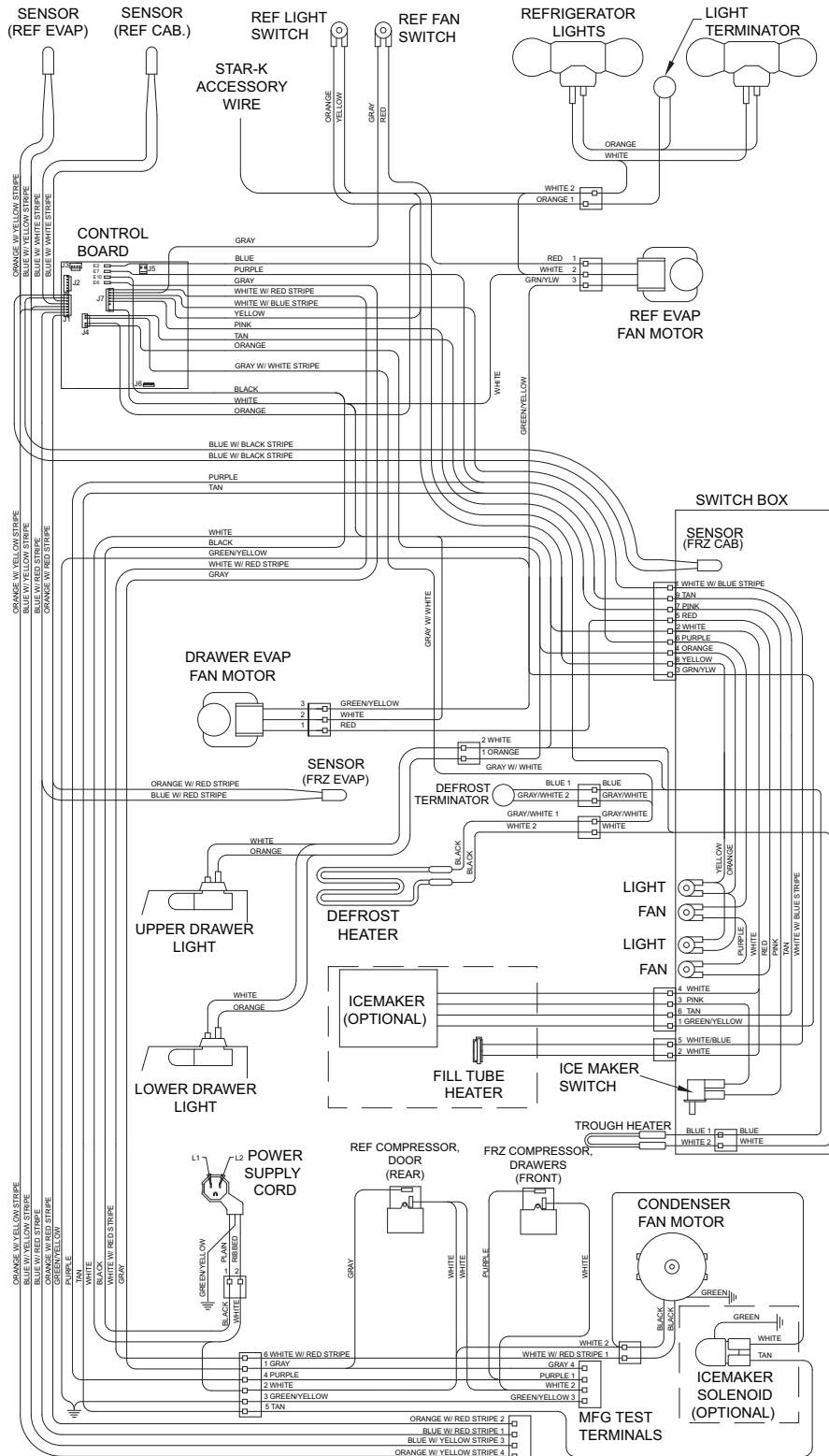
WIRING DIAGRAM

MODEL: 700TC-3

PRIOR TO SERIAL NUMBER 3156295

WARNING

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CONTROL BOARD DETAIL

CONTROL BOARD SUMMARY

CIRCUIT	DESCRIPTION	FUNCTION	COLOR
E2	DEF HTR	POWERS DEFROST CIRCUIT	BLUE
E7	DEFROST HEATER	POWERS DEFROST CIRCUIT	PURPLE
E10	FRZ COMPRESSOR	POWERS FRZ COMPRESSOR (DRAWERS)	BLACK
E6	POWER IN	POWERS INTO BOARD	GRAY
J7-1	COMP	POWERS REF COMPRESSOR (DOOR)	WHITERED
J7-2	C FAN	POWERS CONDENSER FAN	GRAY
J7-3	E FAN	POWERS REF FAN SW	WHITE/BLUE
J7-4	IACC	POWERS FILL TUBE HEATER AND ACCESSORIES	YELLOW
J7-5	LITES	POWERS LIGHTS	PINK
J7-6	ICE	POWERS ICE MAKER	WHITE
J7-7	ICE MAKER	NEUTRAL INTO BOARD	ORANGE/BLACK
J7-8	NOT USED (NO PIN)	SENSES IF DOOR OPEN	ORANGE
J4-1	NEU	SENSES WHEN DEF HEATER SHUTS OFF	GRAY/WHITE
J4-2	DR	SENSES WATER VALVE ACTIVATION	TAN
J4-3	R DR	SENSES FRZ EVAP TEMP (DRAWERS)	ORANGE/RED
J4-4	DEF SENSOR	SENSES FRZ EVAP TEMP (DRAWERS)	BLUE/RED
J4-5	ICE MAKER VALVE SENSOR	SENSES REF EVAP TEMP	ORANGE/YEL
J1-1	EVAP FRZ	SENSES REF EVAP TEMP	BLUE/YELLOW
J1-2	FRZ EVAP	SENSES REF CABINET TEMP	BLUE/WHITE
J1-3	EVAP REF	SENSES REF CABINET TEMP	BLUE/WHITE
J1-4	REF	SENSES FRZ CABINET TEMP	BLUE/BLACK
J1-5	REF COMPARTMENT	SENSES FRZ CABINET TEMP (DRAWERS)	BLUE/BLACK
J1-6	REF	SENSES FRZ CABINET TEMP (DRAWERS)	BLUE/BLACK
J1-7	FRZ	SENSES FRZ CABINET TEMP (DRAWERS)	BLUE/BLACK
J1-8	FRZ	SENSES FRZ CABINET TEMP (DRAWERS)	BLUE/BLACK



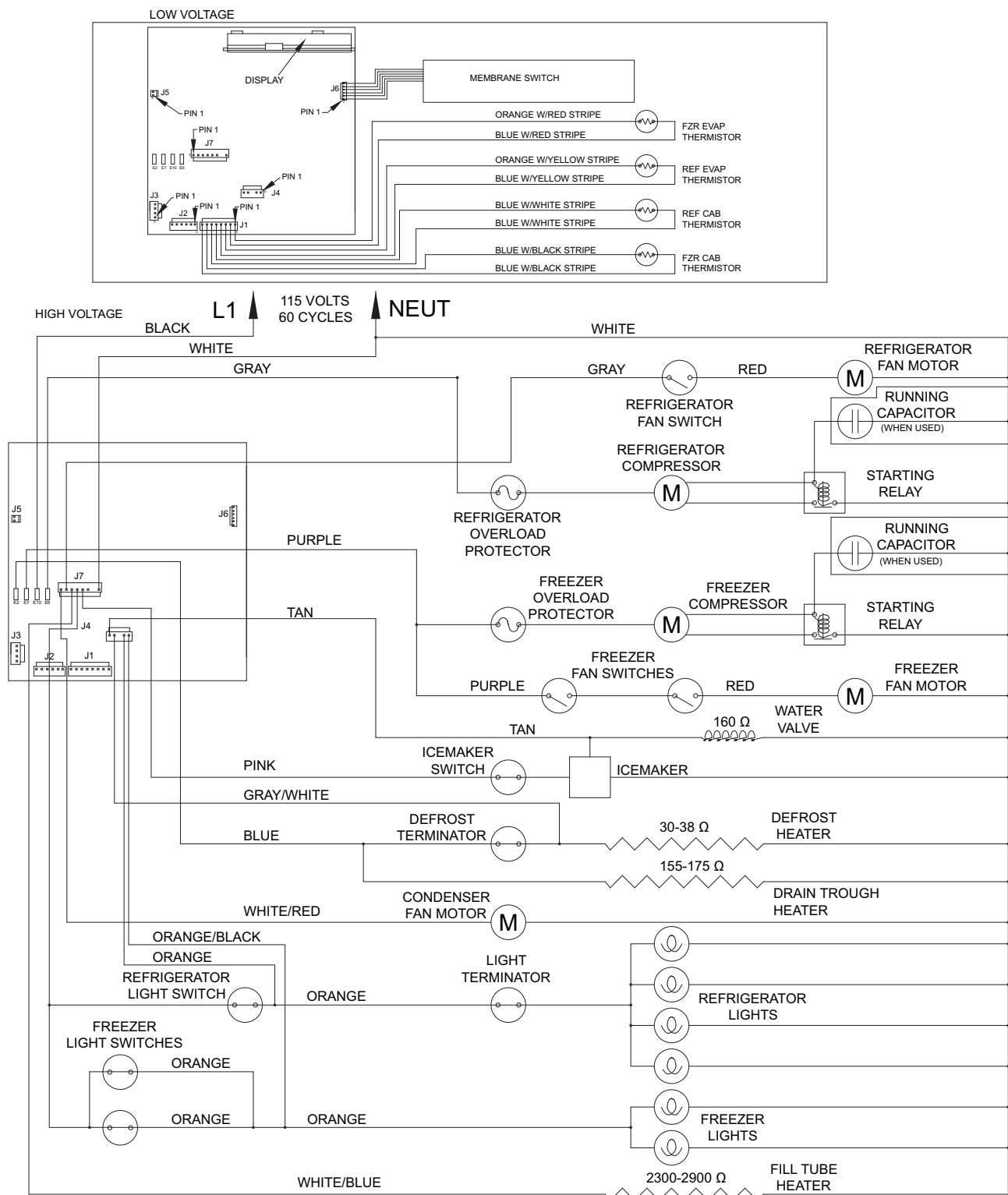
PART NUMBER 3758574 REV B

WIRING SCHEMATIC

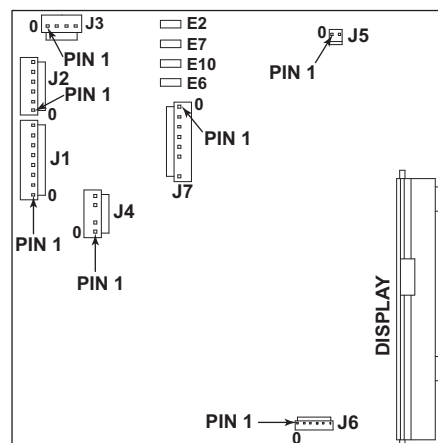
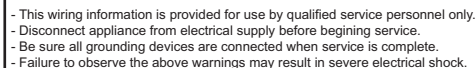
MODEL: 700TC-3
PRIOR TO SERIAL NUMBER 3156295

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STARTING WITH SERIAL NUMBER 3156295



CONTROL BOARD DETAIL

CONTROL BOARD SUMMARY				
TERMINAL	CIRCUIT	DESCRIPTION	FUNCTION	COLOR
E1	Z0	VOL		
E2	DEF	HEATER	POWERS DEFROST CIRCUIT	BLUE
E7	FHP	REF COMPRESSOR	POWERS FRI COMPRESSOR (DRAWERS)	PURPLE
E10	L1	REF IN	POWERS INFO BOARD	BLACK
E6	R.CMP	REF COMPRESSOR	POWERS REF COMPRESSOR (DOOR)	GRAY
J7-8	NEU	NEUTRAL	NEUTRAL INTO BOARD	WHITE
J7-6		NOT USED		
J7-5	ICE	ICE MAKER	POWERS ICE MAKER	PINK
J7-4	LITES	LIGHTS	POWERS LIGHTS	YELLOW
J7-3	JACC	ICE MAKER ACC (FILL TUBE)	POWERS FILL TUBE HEATER AND ACCESSORIES	WHITE/LIGHT
J7-2	FAN SW	FAN SW	POWERS REF FAN SW	RED
J7-1	E FAN	CONDENSER FAN	POWERS CONDENSER FAN	WHITE/RED
J4-5	ICE MAKER VALVE	SENSOR	SENSES WATER VALVE ACTIVATION	TAN
J4-4	DEF-SENSOR	(NO PIN)	SENSES DEF HEATER SHUTS OFF	GRAY/WHITE
J4-3	DOOR LIGHTS	DOOR LIGHTS	SENSES IF DOOR OPEN	ORANGE
J4-2	R DR	DOOR LIGHTS SENSE	SENSES IF DOOR OPEN	ORANGE
J4-1			SENSES IF EITHER DRAWER OPEN	ORANGE/BLACK
LOW VOLTAGE CIRCUITS				
J1-8	FRE	REF COMPARTMENT	SENSES FRI CABINET TEMP (DRAWERS)	BROWN
J1-7	REF	REF COMPARTMENT	SENSES FRI CABINET TEMP (DRAWERS)	BLUE
J1-6	REF	REF COMPARTMENT	SENSES REF CABINET TEMP	BROWN
J1-5	REF	REF COMPARTMENT	SENSES REF CABINET TEMP	BLUE
J1-4	EWAP REF	REF EWAP	SENSES REF EWAP TEMP	BROWN
J1-3	EWAP REF	REF EWAP	SENSES REF EWAP TEMP	BLUE/WHITE
J1-2	EWAP REF	REF EWAP	SENSES REF EWAP TEMP (DRAWERS)	BROWN/BLACK



WIRING SCHEMATIC MODEL: 700TC/I

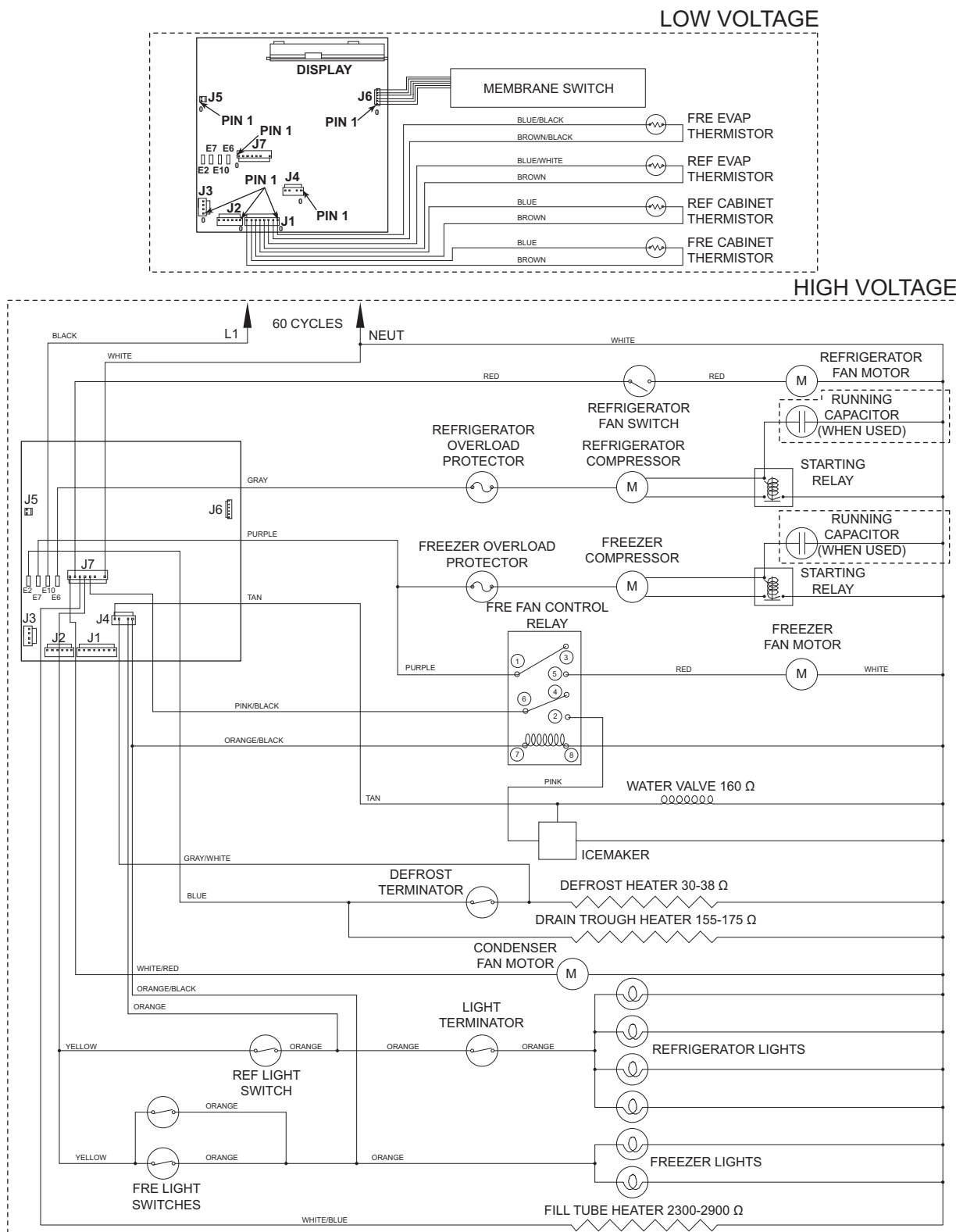
PART NUMBER 7024165 Rev A

STARTING WITH SERIAL NUMBER 3156295



WARNING

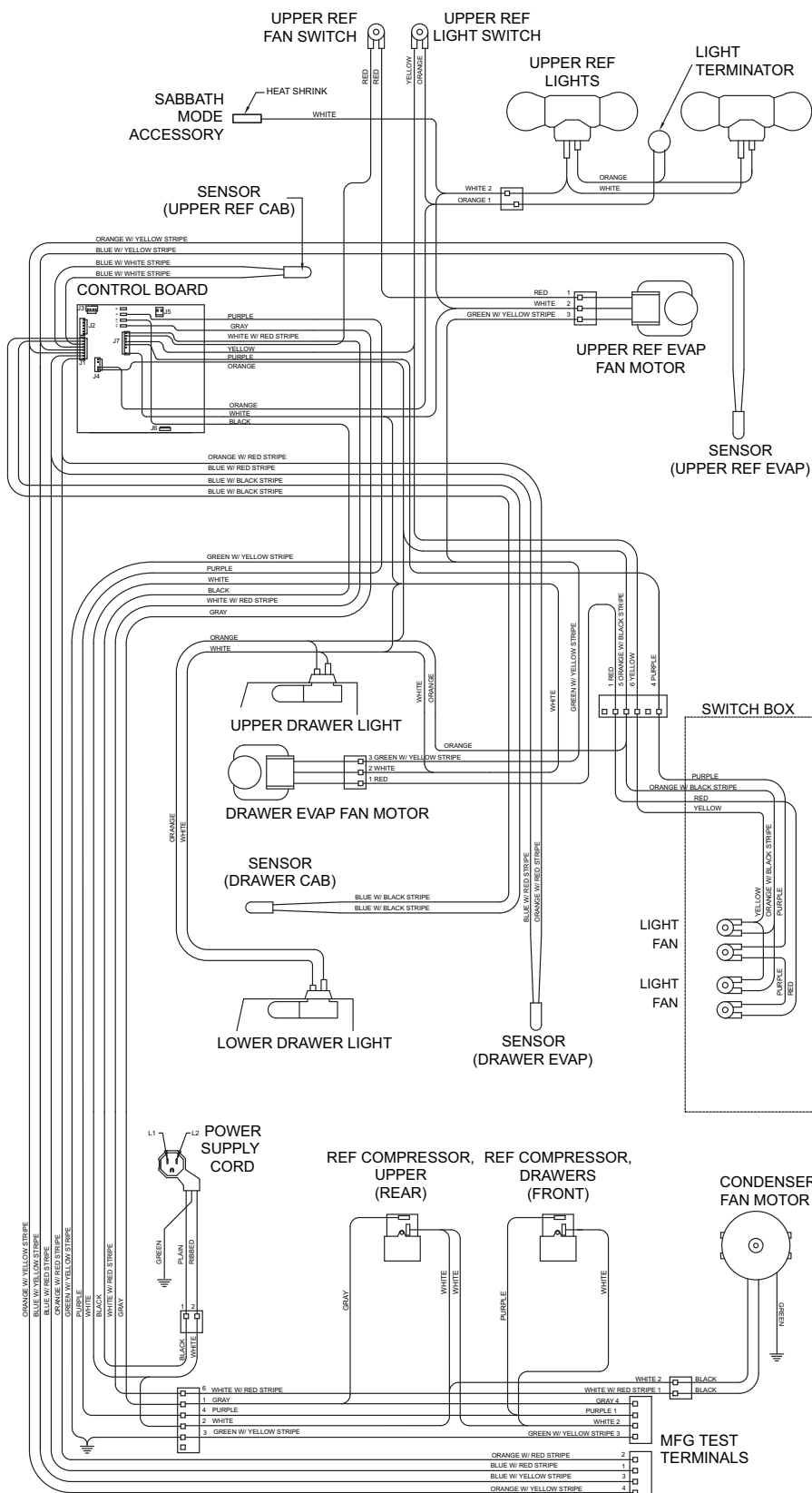
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WIRING DIAGRAM

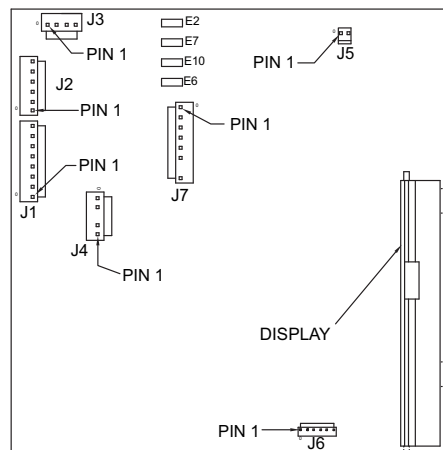
MODEL: 700TR-3

PRIOR TO SERIAL NUMBER 3156295



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CONTROL BOARD DETAIL

CONTROL BOARD SUMMARY

CIRCUIT	DESCRIPTION	FUNCTION	COLOR
E2	120 VOLT CIRCUITS		
E7	NOT USED		PURPLE
E10	POWER INTO BOARD	POWERS REF COMP FOR 2 DRAWER SECTION	BLACK
E6	POWER INTO BOARD	POWERS UPPER REF COMP	GRAY
JT-1	CONDENSER FAN	POWERS CONDENSER FAN	WHIT/RED
JT-2	C FAN	POWERS REF EVAP FAN	RED
JT-3	E FAN	POWERS LIGHTS	YELLOW
JT-4	NOT USED		PURPLE
JT-5	UPPER REF EVAP FAN	POWERS DRAWER EVAP FAN	PURPLE
JT-6	NOT USED (NO PIN)		
JT-7	NEUTRAL	NEUTRAL INTO BOARD	WHITE
JT-8	DOOR LIGHTS SENSE	SENSES IF EITHER DRAWER OPEN	ORANGE
J4-1	DOOR LIGHTS SENSE	SENSES IF DOOR OPEN	ORANGE
J4-2	NOT USED (NO PIN)		
J4-3	NOT USED		
J4-4	NOT USED		
J4-5	NOT USED		
LOW VOLTAGE THERMISTOR CIRCUITS			
JT-1	EVAP FRZ	SENSES DRAWER EVAP TEMP	ORANGE/RED
JT-2	EVAP FRZ	SENSES DRAWER EVAP TEMP	BLUE/RED
JT-3	EVAP REF	SENSES UPPER REF EVAP TEMP	ORANGE/YEL
JT-4	EVAP REF	SENSES UPPER REF EVAP TEMP	BLUE/YELLOW
JT-5	REF	SENSES UPPER REF CABINET TEMP	BLUE/WHITE
JT-6	REF	SENSES UPPER REF CABINET TEMP	BLUE/WHITE
JT-7	FRZ	SENSES DRAWER CABINET TEMP	BLUE/BLACK
JT-8	FRZ	SENSES DRAWER CABINET TEMP	BLUE/BLACK

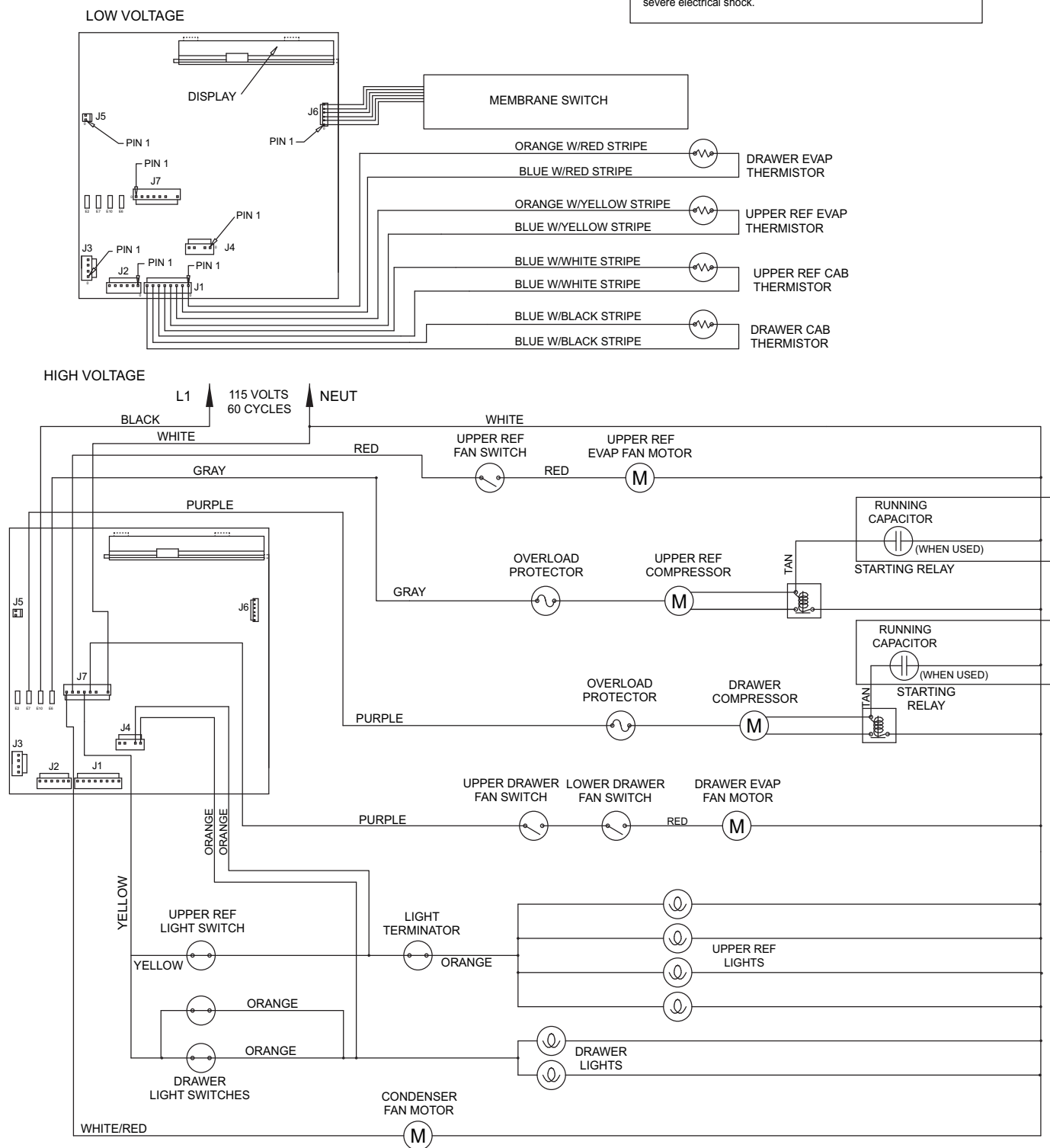
PART NUMBER 3758504 REV A

WIRING SCHEMATIC

MODEL: 700TR-3
PRIOR TO SERIAL NUMBER 3156295

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PART NUMBER 3758504 REV A

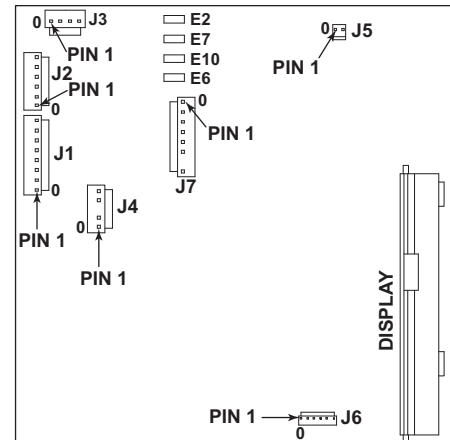
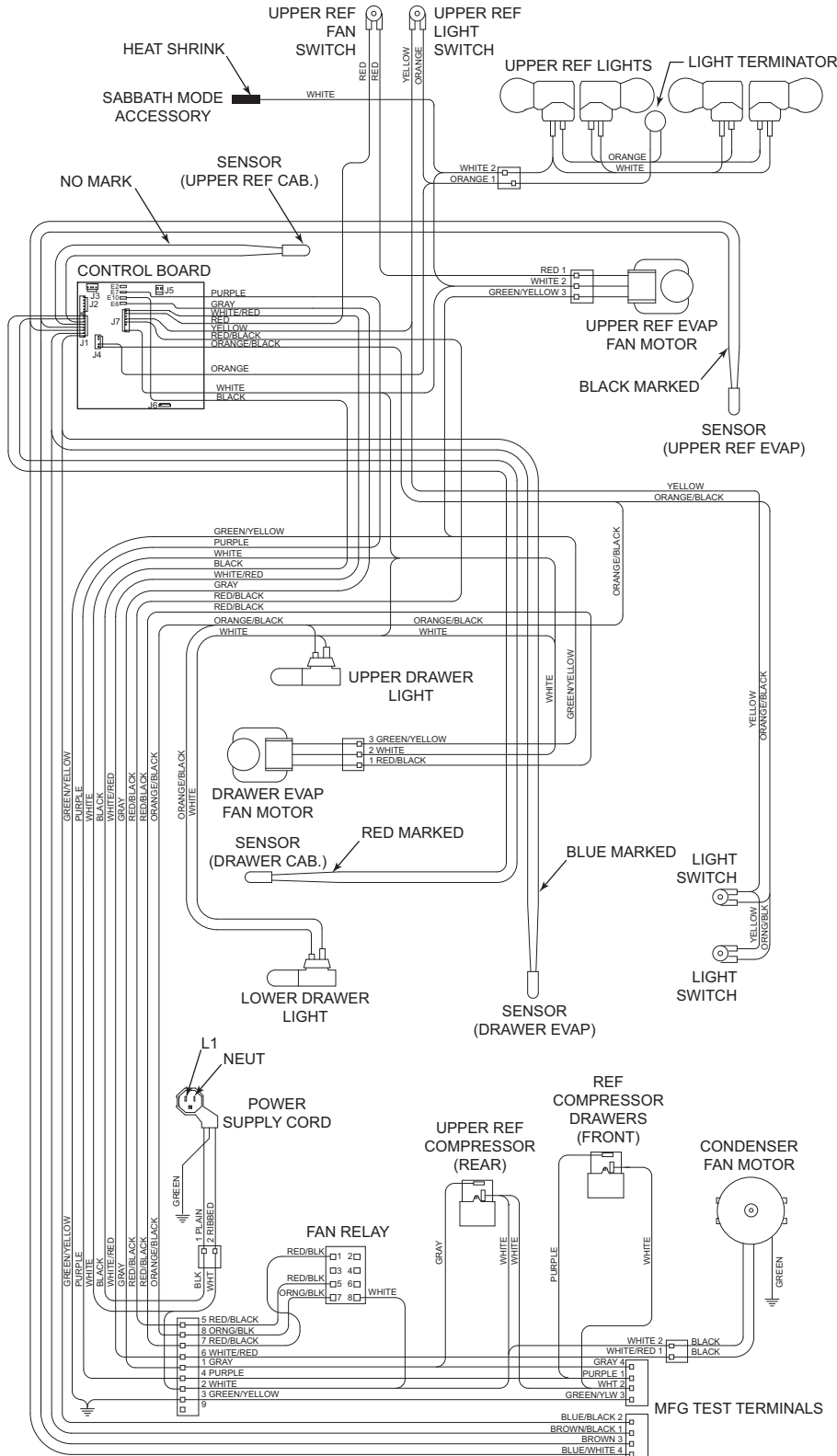
WIRING DIAGRAM MODEL: 700TR

PART NUMBER 7024169 Rev A

STARTING WITH SERIAL NUMBER 3156295

WARNING

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CONTROL BOARD DETAIL

CONTROL BOARD SUMMARY		
TERMINAL CIRCUT	DESCRIPTION	FUNCTION
E2	NOT USED	
E7	COMPRESSOR	POWERS REF COMP FOR 2 DRAWER SECTION
E10	L1	POWERS INTO BOARD
E6	R COMP	POWERS UPPER REF COMPRESSOR
J7-8	NEUT	NEUTRAL INTO BOARD
J7-7	NOT USED (NO PIN)	
J7-6	E FAN	POWERS DRAWER EVAP FAN
J7-5	REF LIGHTS	POWERS LIGHTS
J7-4	NOT USED	
J7-3	E FAN	POWERS REF EVAP FAN
J7-2	C FAN	POWERS CONDENSER FAN
J7-1	NOT USED	
J4-5	NOT USED	
J4-4	NOT USED	
J4-3	R DR	DOOR LIGHTS SENSE
J4-2	F DR	DOOR LIGHTS SENSE
J4-1	DOOR LIGHTS SENSE	SENSES IF DOOR OPEN
J1-7	DOOR LIGHTS SENSE	SENSES IF EITHER DRAWER OPEN
J1-6	DOOR LIGHTS SENSE	SENSES DRAWER CABINET TEMP
J1-5	REF	SENSES DRAWER CABINET TEMP
J1-4	REF	SENSES UPPER REF CABINET TEMP
J1-3	REF	SENSES UPPER REF CABINET TEMP
J1-2	EVAP REF	SENSES UPPER REF EVAP TEMP
J1-1	EVAP REF	SENSES UPPER REF EVAP TEMP
J1-1	EVAP REF	SENSES DRAWER EVAP TEMP



WIRING SCHEMATIC MODEL: 700TR

PART NUMBER 7024169 Rev A

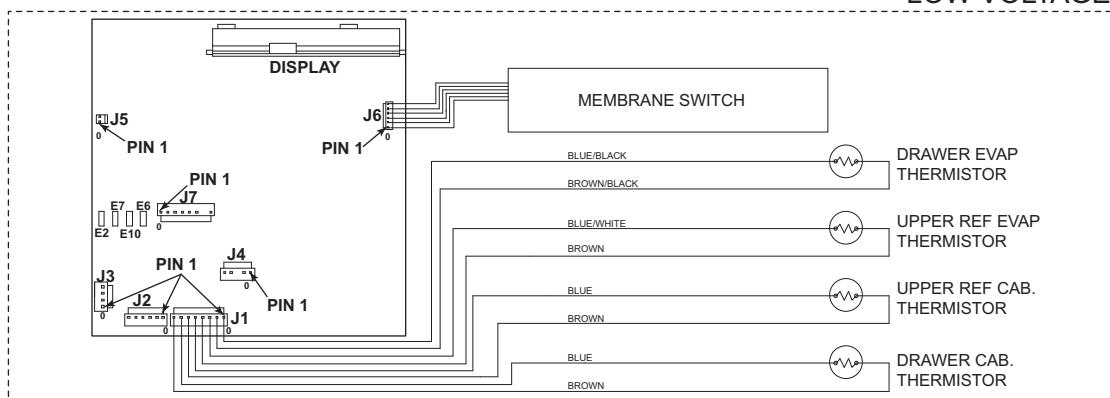
STARTING WITH SERIAL NUMBER 3156295



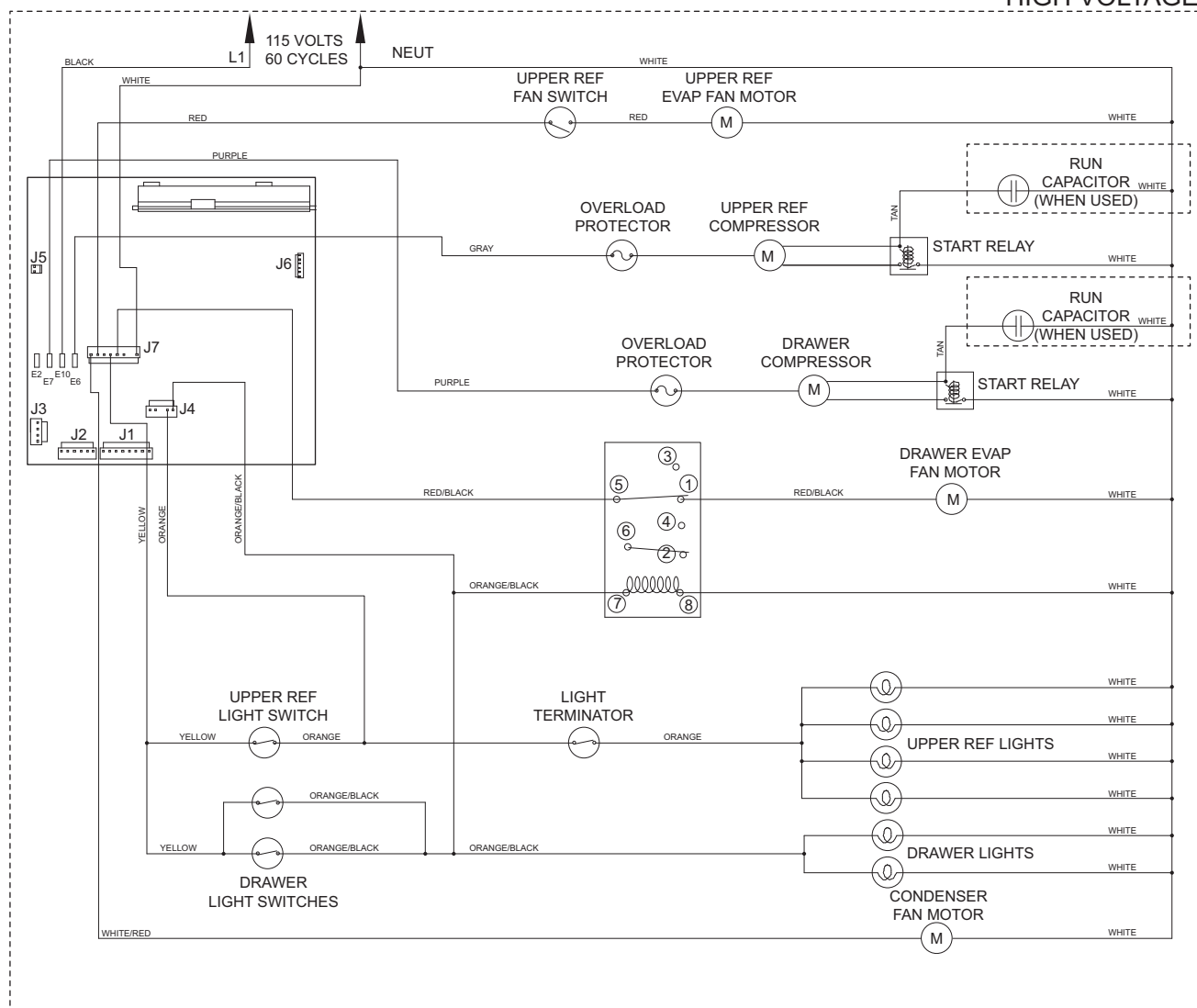
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LOW VOLTAGE



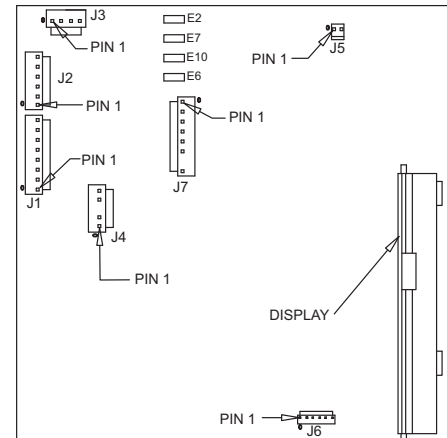
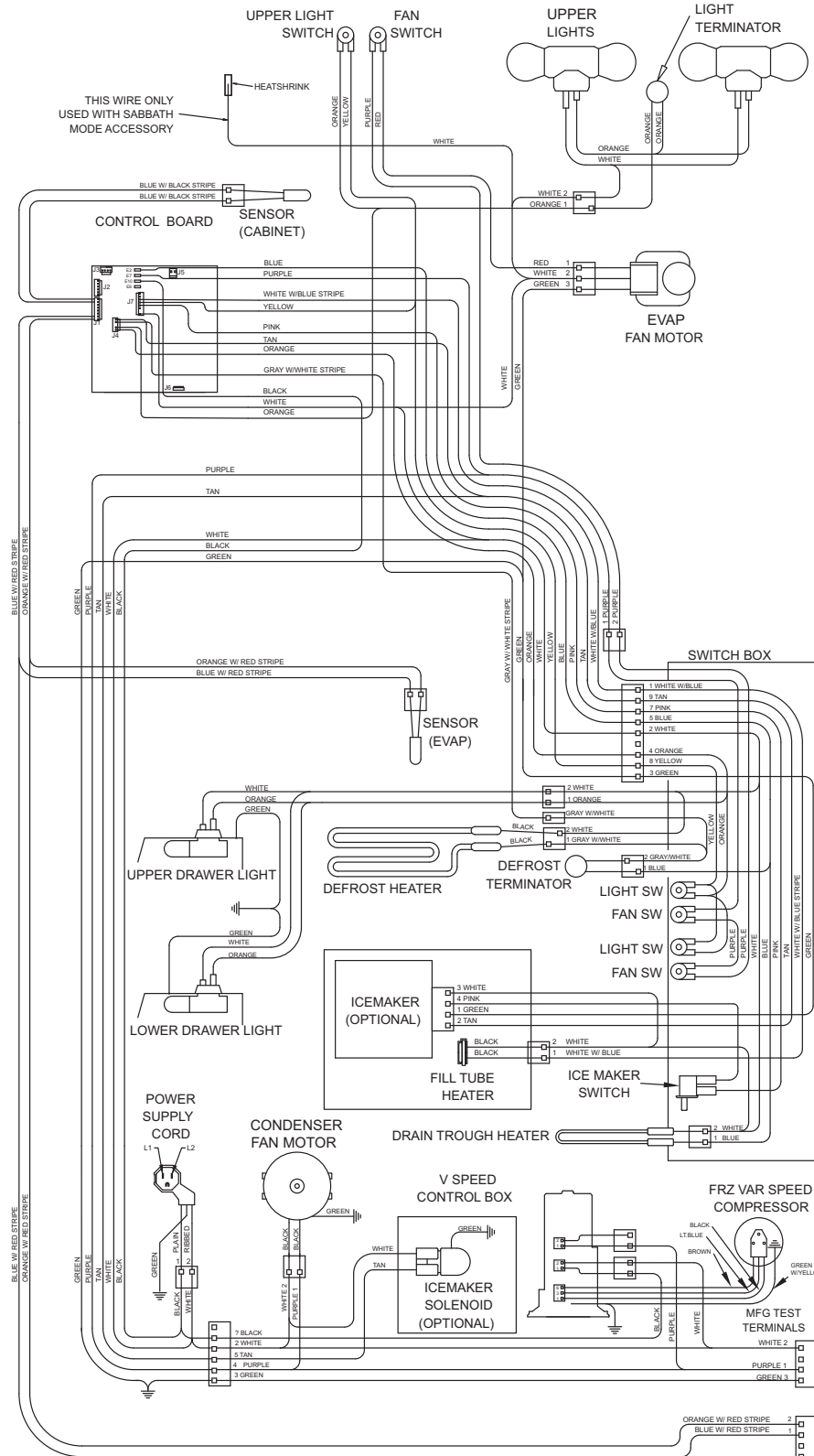
HIGH VOLTAGE



WIRING DIAGRAM MODEL: 700 TF/I-3

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CONTROL BOARD DETAIL

CONTROL BOARD SUMMARY

CIRCUIT	DESCRIPTION	FUNCTION	COLOR
E2	120 VOLT CIRCUITS	POWERS DEFROST CIRCUIT	BLUE
DEF HTR	DEFROST HEATER	POWERS DEFROST CIRCUIT	PURPLE
F COMP	COMPRESSOR	POWERS COMPRESSOR	BLACK
E7	POWER IN	POWER INTO BOARD	GRAY
E6	NOT USED		WHITE/RED
J7-1	NOT USED		WHITE/BLUE
J7-2	ICACC	POWERS ILL TUBE HEATER AND ACCESSORIES	WHITE/BLUE
J7-3	LIGHTS	POWERS LIGHTS	YELLOW
J7-4	ICE	POWERS ICE MAKER	PINK
J7-5	NOT USED		WHITE
J7-6	NEU	NEUTRAL INTO BOARD	ORANGE
J7-7	F DR	SENSES IF EITHER DRAWER OPEN	ORANGE
J4-1	R DR	SENSES IF DOOR OPEN	GRAY/WHITE
J4-2	DOOR LIGHTS SENSE	SENSES IF DOOR OPEN	TAN
J4-3	NOT USED (NO PIN)		
J4-4	WATER SENSOR	SENSES IF DEFROST HEATER IS ON OR OFF	ORANGE/RED
J4-5	ICE MAKER SENSOR	SENSES IF WATER VALVE IS ON OR OFF	BLUE/BLACK
J1-1	EVAP FRZ	EVAP FRZ EVAP TEMP	BLUE/RED
J1-2	EVAP FRZ	EVAP FRZ EVAP TEMP	BLUE/RED
J1-3 THRU 6	NOT USED		
J1-7 & 8	FRZ	SENSES FRZ CABINET TEMP	BLUE/BLACK

P/N 3758594 REV E

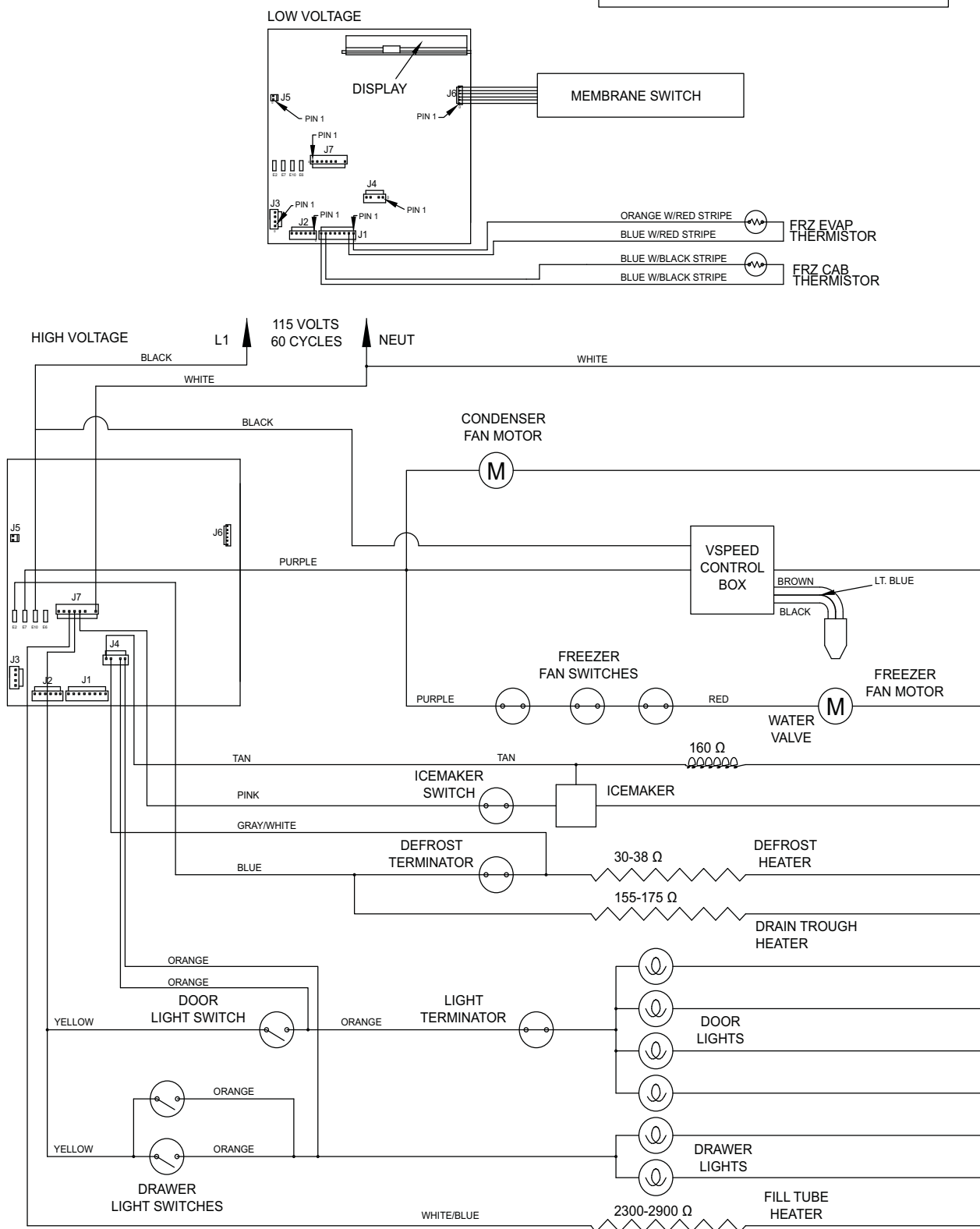
WIRING SCHEMATIC

MODEL: 700 TF/I-3

PRIOR TO SERIAL NUMBER 3156295

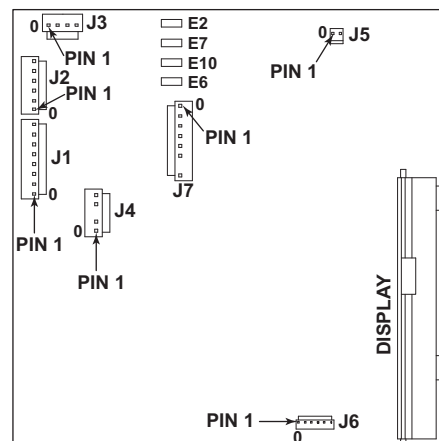
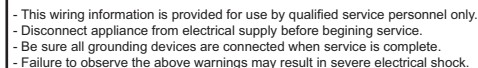
⚠ WARNING

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P/N 375R5Q4 REV F

STARTING WITH SERIAL NUMBER 3156295



CONTROL BOARD DETAIL

CONTROL BOARD SUMMARY				
TERMINAL	CIRCUIT	DESCRIPTION	FUNCTION	COLOR
120 VOLT CIRCUITS				
E2	DEF HTR	DEFROST HEATER	POWERS DEFROST CIRCUIT	BLUE
E7	F COMP	FRE COMPRESSOR	POWERS FRE COMPRESSOR (DRAWERS)	PURPLE
E10	L1	POWER IN	POWERS INTO BOARD	BLACK
E6	R COMP	NOT USED		
J7-8	NEU	NEUTRAL	NEUTRAL INTO BOARD	WHITE
J7-7		NOT USED (NO PIN)		
J7-6		NOT USED		
J7-5	ICE	ICE MAKER	POWERS ICE MAKER	PINK/BLACK
J7-4	LITES	LIGHTS	POWERS LIGHTS	YELLOW
J7-3	IACC	ICE MAKER ACC. (FILL TUBE)	POWERS FILL TUBE HEATER AND ACCESSORIES	WHITE/BLUE
J7-2		UPPER EVAP FAN	FREEZER FAN MOTOR	RED
J7-1		NOT USED		
J4-5		ICE MAKER VALVE SENSOR	SENSES WATER VALVE ON OR OFF	TAN
J4-4		DEF SENSOR	SENSES DEF HEATER ON OR OFF	GRAY/WHITE
J4-3		DOOR LIGHTS SENSE	SENSES IF DOOR OPEN	ORANGE
J4-2	R DR	DRAWER LIGHTS SENSE	SENSES IF EITHER DRAWER OPEN	ORANGE/BLACK
J4-1	F DR			
LOW VOLTAGE CIRCUITS				
J1-8	FRE	CABINET SENSOR	SENSES FRE CABINET TEMP	BROWN
J1-7	FRE	CABINET SENSOR	SENSES FRE CABINET TEMP	BLUE
J1-6-3		NOT USED		
J1-2	EVAP FRE	EVAP SENSOR	SENSES FRE EVAP TEMP	BROWN/BLACK

MFG TEST TERMINALS



WIRING SCHEMATIC MODEL: 700TF/I

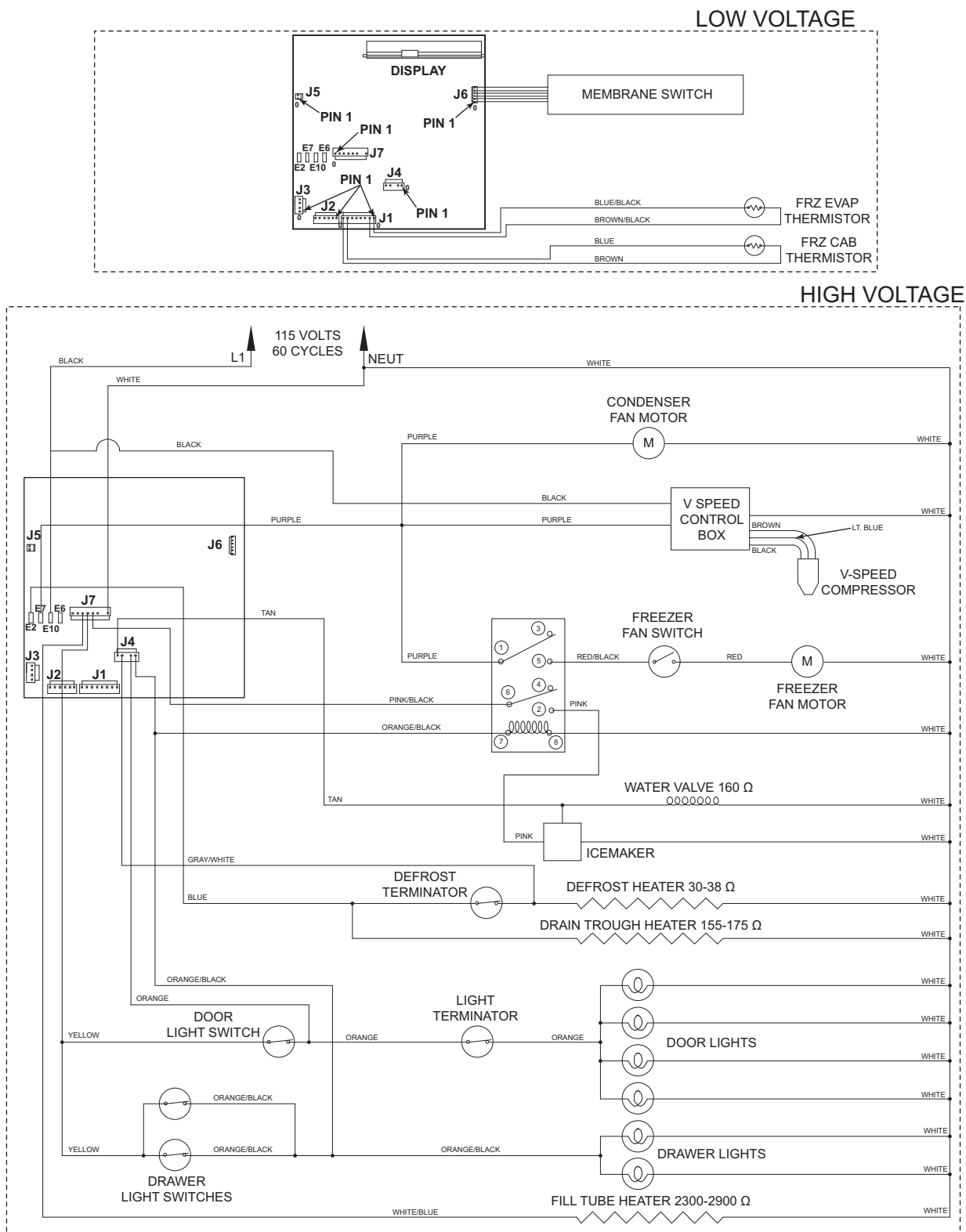
PART NUMBER 7024167 Rev A

STARTING WITH SERIAL NUMBER 3156295



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PART NUMBER 3758578 REV C

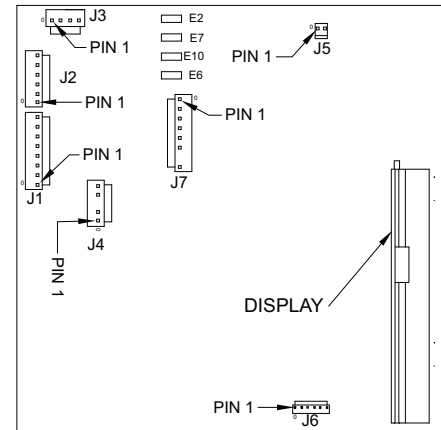
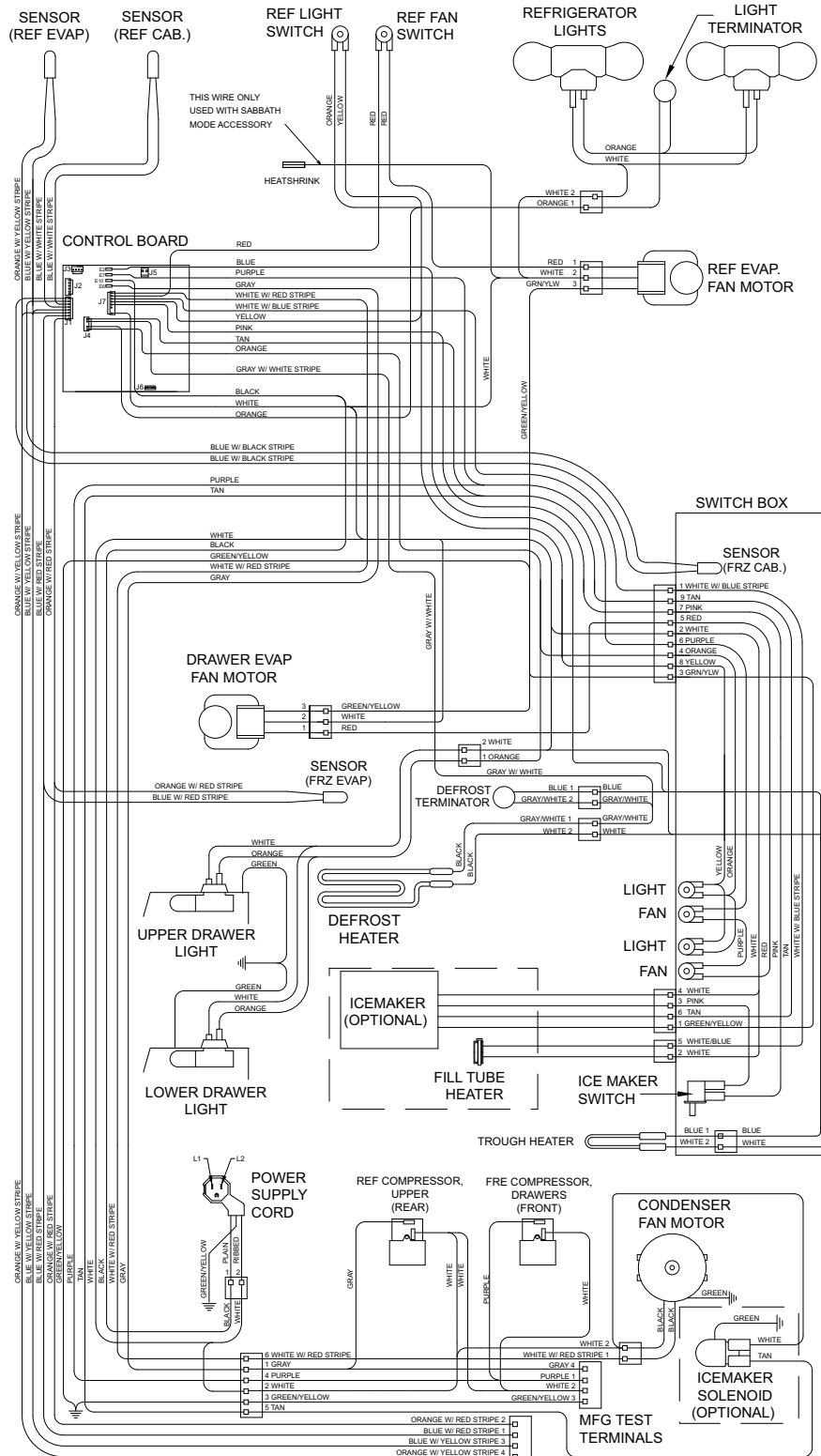
WIRING DIAGRAM

MODEL: 736TC/I-3

PRIOR TO SERIAL NUMBER 2970000

WARNING

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CONTROL BOARD DETAIL

CONTROL BOARD SUMMARY

CIRCUIT	DESCRIPTION	FUNCTION	COLOR
E2	DEF HTR	POWERS DEFROST CIRCUIT	BLUE
E7	FRZ COMPRESSOR	POWERS FRZ COMPRESSOR (DRAWERS)	PURPLE
E10	L1	POWER INTO BOARD	BLACK
E6	RCOMP	POWERS REF COMPRESSOR (DOOR)	GRAY
J7-1	C FAN	POWERS CONDENSER FAN	WHITERED
J7-2	FAN SW	POWERS REF FAN SW	RED
J7-3	LIGHTS	POWERS REFRIGERATOR LIGHTS	WHITE
J7-4	ICE MAKER	POWERS ICE MAKER	YELLOW
J7-5	NOT USED		PINK
J7-6	NOT USED (NO PIN)		
J7-7	NEU	NEUTRAL INTO BOARD	WHITE
J7-8	F DR	SENSES IF EITHER DRAWER OPEN	ORANGE/BLACK
J4-1	R DR	SENSES IF DOOR OPEN	ORANGE
J4-2	DOOR LIGHTS	SENSES WHEN DEF HEATER SHUTS OFF	GRAY/WHITE
J4-3	DEF SENSOR	SENSES WATER VALVE ACTIVATION	TAN
J4-4	ICE MAKER VALVE SENSOR		
J4-5	LOW VOLTAGE THERMISTOR CIRCUITS		
J1-1	EVAP FRZ	SENSES FRZ EVAP TEMP (DRAWERS)	ORANGE/RED
J1-2	EVAP FRZ	SENSES FRZ EVAP TEMP (DRAWERS)	BLUE/RED
J1-3	EVAP REF	SENSES REF EVAP TEMP	ORANGE/YEL
J1-4	EVAP REF	SENSES REF EVAP TEMP	BLUE/YEL
J1-5	REF COMPARTMENT	SENSES REF CABINET TEMP	BLUE/WHITE
J1-6	REF COMPARTMENT	SENSES REF CABINET TEMP	BLUE/WHITE
J1-7	FRZ COMPARTMENT	SENSES FRZ CABINET TEMP (DRAWERS)	BLUE/BLACK
J1-8	FRZ COMPARTMENT	SENSES FRZ CABINET TEMP (DRAWERS)	BLUE/BLACK



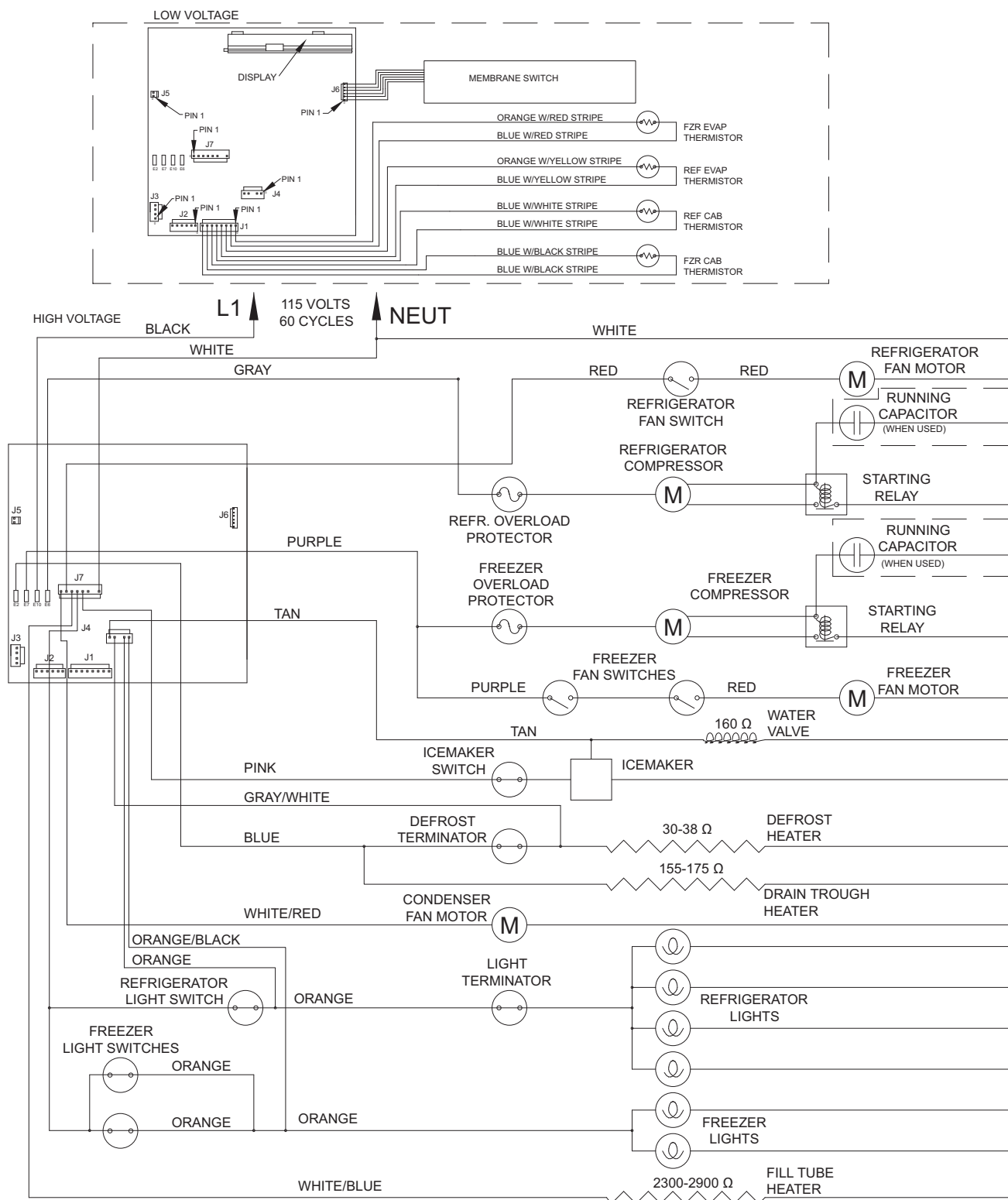
PART NUMBER 3758578 REV C

WIRING SCHEMATIC

MODEL: 736TC/I-3
PRIOR TO SERIAL NUMBER 2970000

WARNING

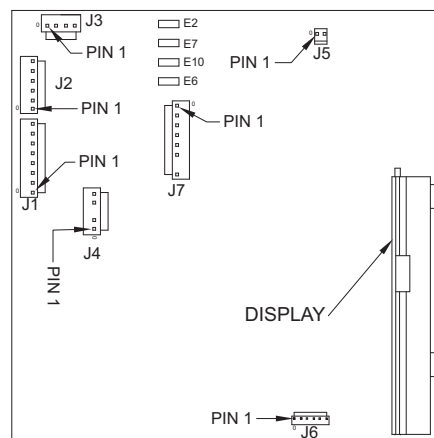
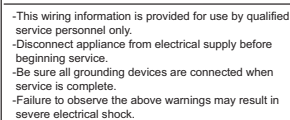
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WIRING DIAGRAM

MODEL: 736TR-3

PRIOR TO SERIAL NUMBER 2970000



CONTROL BOARD DETAIL

CONTROL BOARD SUMMARY			
	CIRCUIT	DESCRIPTION / FUNCTION	COLOR
		120 VOLT CIRCUITS	
		NOT USED	
E2	RCOMP	DRAWER COMPRESSOR	
E7	L1	POWER IN	PURPLE
E10	RCOMP	POWER REF COMPRESSOR (DOOR)	BLACK
E6	RCOMP	POWER REF COMPRESSOR (DOOR)	GRAY
J7-1	C FAN	POWERS CONDENSER FAN	WHITENED RED
J7-2	E FAN	FAN SW	
J7-3	E FAN	FAN SW	
J7-4	LITES	POWERS LIGHTS	YELLOW
J7-5	E FAN	POWERS DRAWER FAN SW	PURPLE
J7-6		NOT USED	
J7-7		NOT USED (NO PIN)	
J7-8	NEU	NEUTRAL	
J4-1	R DR	DRAWER LIGHTS SENSE	WHITE
J4-2	R DR	DRAWER LIGHTS SENSE	ORANGE/BLACK
J4-3		NOT USED (NO PIN)	ORANGE
J4-4		NOT USED	
J4-5		NOT USED	
		LOW VOLTAGE THERMISTOR CIRCUITS	
J1-1	EVAP FRZ	FRZ EVAP	ORANGE/RED
J1-2	EVAP FRZ	FRZ EVAP	BLUE/RED
J1-3	EVAP REF	REF EVAP	ORANGE/RED
J1-4	EVAP REF	REF EVAP	BLUE/RED
J1-5	REF	REF COMPARTMENT	BLUE/WHITE
J1-6	REF	REF COMPARTMENT	BLUE/WHITE
J1-7	FRZ	FRZ COMPARTMENT	BLUE/BLACK

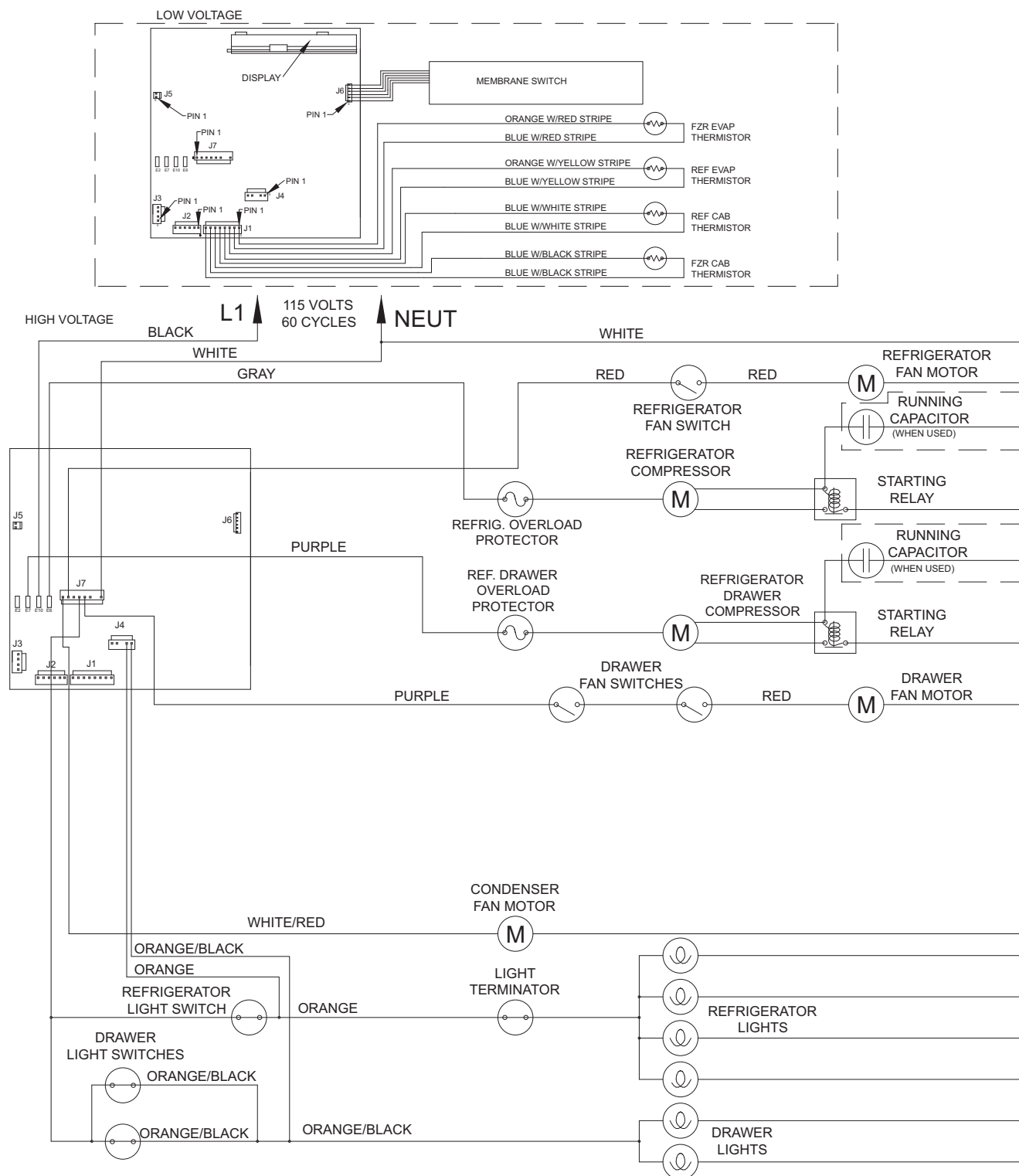
PART NUMBER 7000922 REV A

WIRING SCHEMATIC

MODEL: 736TR-3
PRIOR TO SERIAL NUMBER 2970000



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