

P/N 7001945 REV A

WIRING DIAGRAM

MODEL: 601R-3

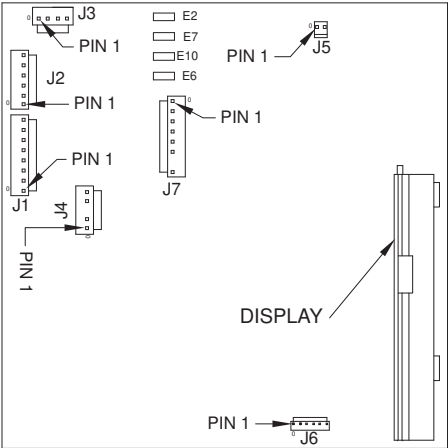
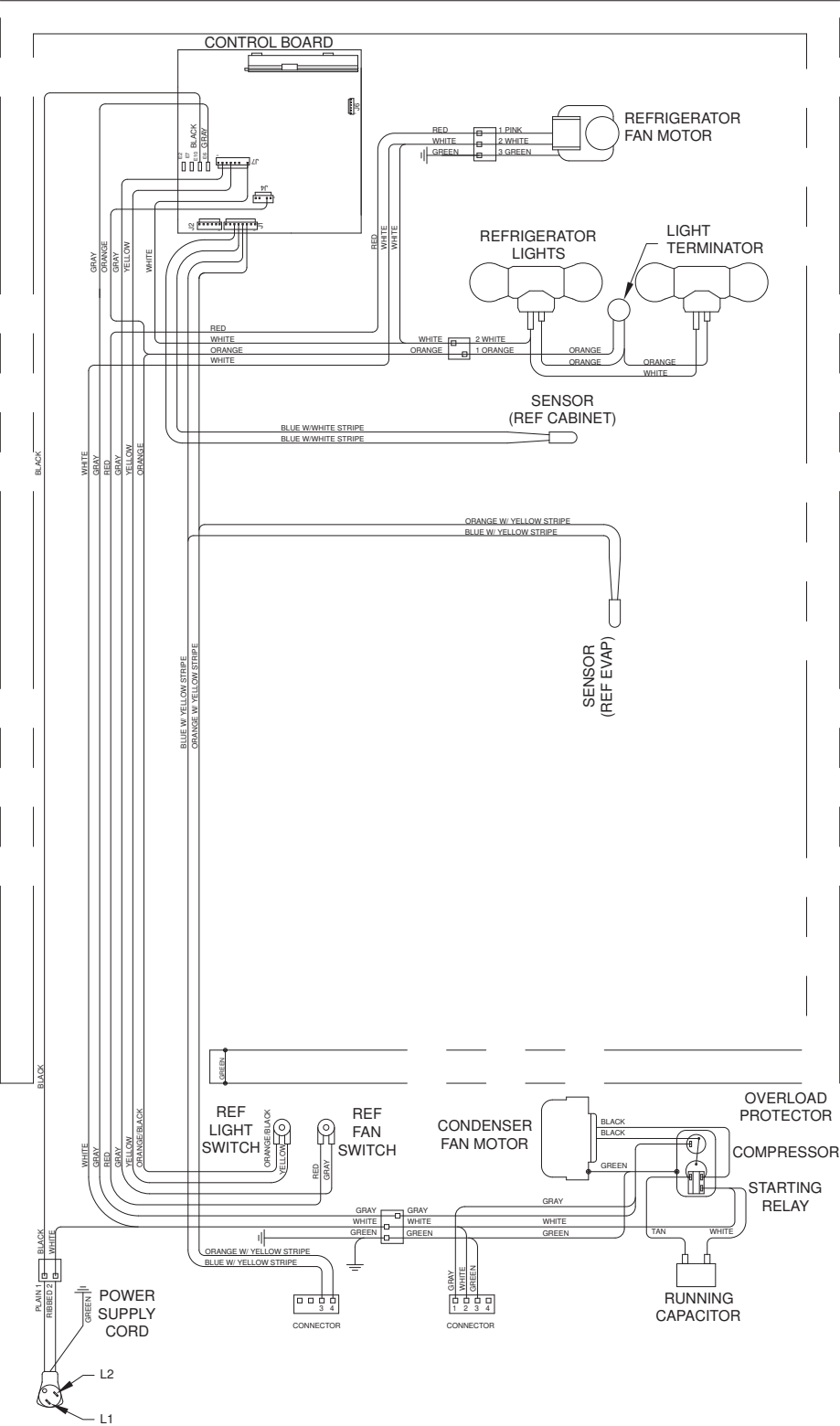
 **WARNING**

-This wiring information is provided for use by qualified service personnel only.

-Disconnect appliance from electrical supply before beginning service.

-Be sure all grounding devices are connected when service is complete.

-Failure to observe the above warnings may result in severe electrical shock.



CONTROL BOARD SUMMARY			COLOR
CIRCUIT	DESCRIPTION	FUNCTION	
E2	DEF HTR	120 VOLT CIRCUITS	
E7	FCOMP	NOT USED	
E10	L1	POWER INTO BOARD	BLACK
E6	RCOMP	POWERS REF COMPRESSOR AND CONDENSER FAN	GRAY
J7-1	C FAN	POWERS REF EVAP FAN	GRAY
J7-2	REF EVAP FAN	POWERS REF EVAP FAN	YELLOW
J7-3	NOT USED	POWERS LIGHTS	
J7-4	LITES	POWERS LIGHTS	
J7-5	NOT USED		
J7-6	NOT USED		
J7-7	NOT USED (NO PIN)		
J7-8	NEU	NEUTRAL INTO BOARD	WHITE
J4-1	NOT USED	SENSES IF REF DOOR OPEN	ORANGE
J4-2	REF DOOR LIGHT SENSE	SENSES IF REF DOOR OPEN	
J4-3	NOT USED (NO PIN)		
J4-4	NOT USED		
J4-5	NOT USED		
J1-1	LOW VOLTAGE THERMISTOR CIRCUITS		
J1-2	NOT USED		
J1-3	REF EVAP	SENSES REF EVAP TEMP	ORANGE/YLW
J1-4	REF EVAP	SENSES REF EVAP TEMP	BLUE/YLW
J1-5	REF COMPARTMENT	SENSES REF CABINET TEMP	BLUE/WHITE
J1-6	REF COMPARTMENT	SENSES REF CABINET TEMP	BLUE/WHITE
J1-7	NOT USED		
J1-8	NOT USED		



P/N 7001945 REV A

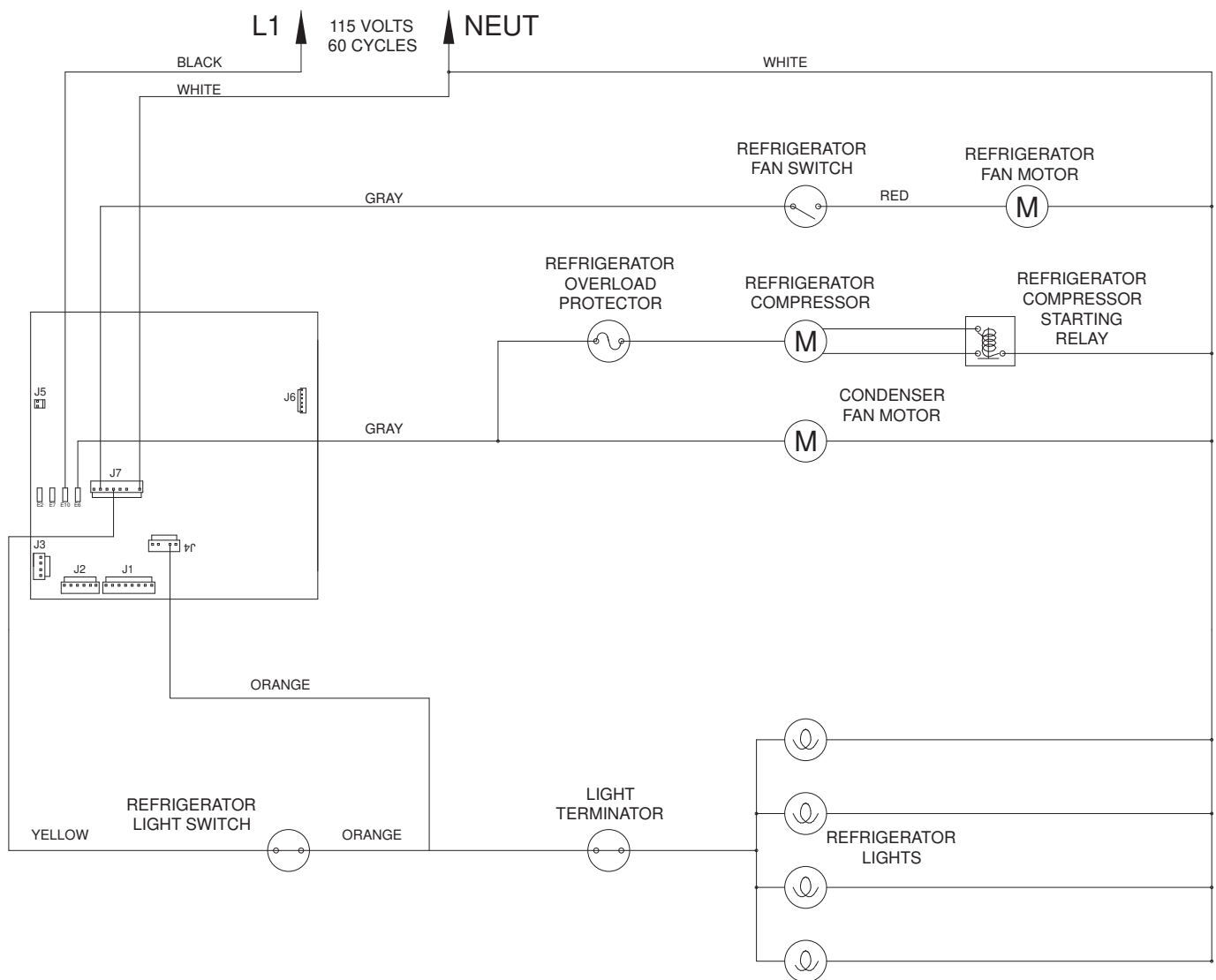
WIRING SCHEMATIC MODEL: 601R-3



WARNING

- This wiring information is provided for use by qualified service personnel only.
- Disconnect appliance from electrical supply before beginning service.
- Be sure all grounding devices are connected when service is complete.
- Failure to observe the above warnings may result in severe electrical shock.

HIGH VOLTAGE WIRING SCHEMATIC

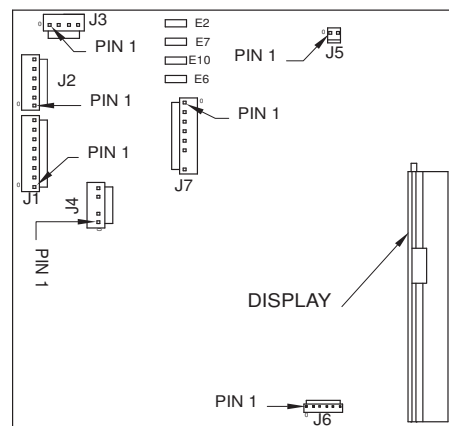
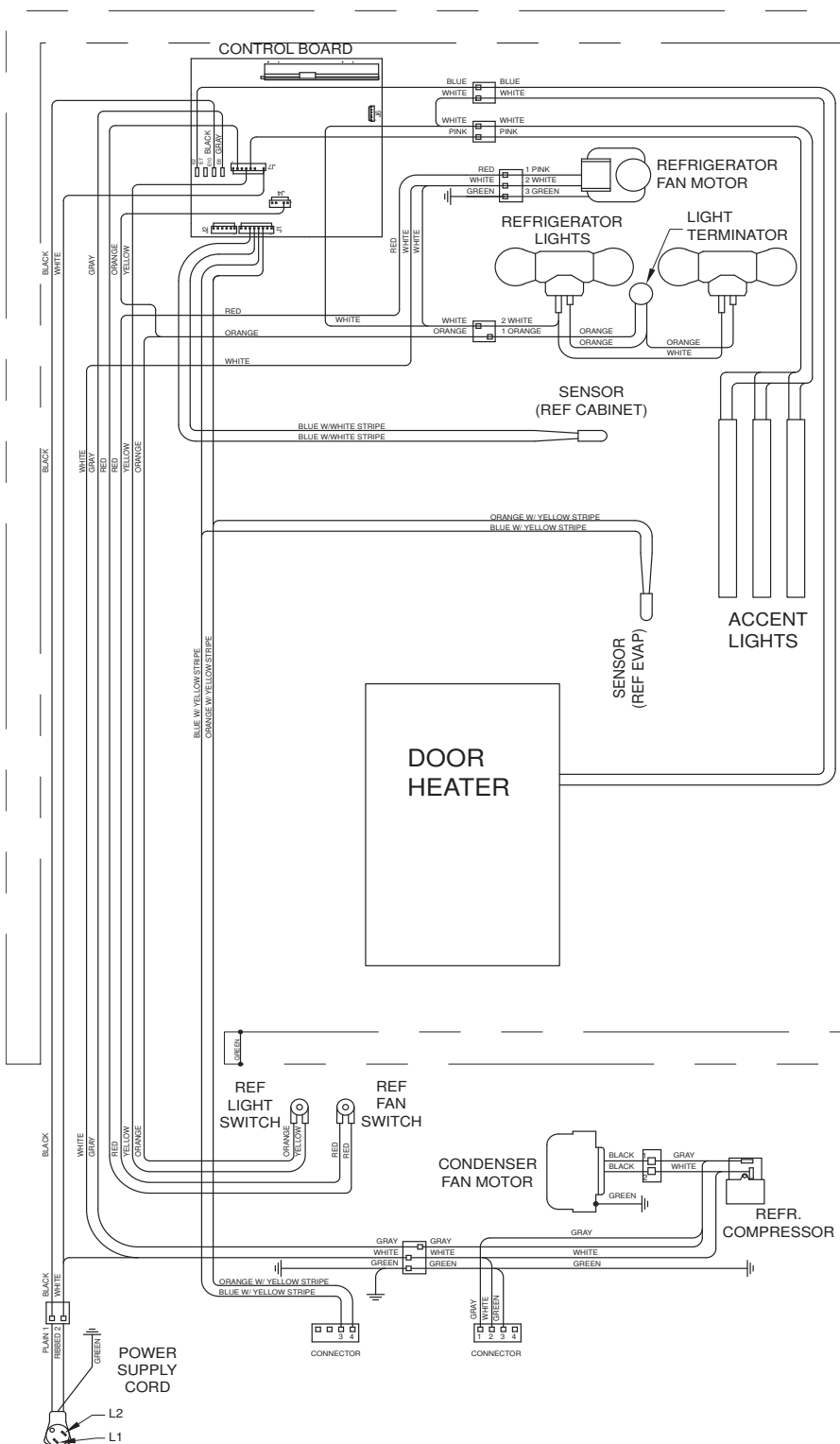


WIRING DIAGRAM

MODEL: 601RG-3

WARNING

-This wiring information is provided for use by qualified service personnel only.
 -Disconnect appliance from electrical supply before beginning service.
 -Be sure all grounding devices are connected when service is complete.
 -Failure to observe the above warnings may result in severe electrical shock.



CONTROL BOARD DETAIL

CONTROL BOARD SUMMARY

CIRCUIT	DESCRIPTION	FUNCTION	COLOR
E2	DEF HTR	DOOR HEATER	BLUE
E7	FOOMP	NOT USED	BLACK
E10	L1	POWER INTO BOARD	GRAY
E6	RCOMP	POWERS REF COMPRESSOR AND CONDENSER FAN	GRAY
J7-1	O FAN	POWERS REF EVAP FAN	RED
J7-2	E FAN	POWERS REF EVAP FAN	RED
J7-3	LITES	POWERS LIGHTS	YELLOW
J7-4	ICE	ACCENT LIGHTS	PINK
J7-5	NOT USED	NOT USED	NOT USED
J7-6	NOT USED	NOT USED	NOT USED
J7-7	NOT USED	NOT USED	NOT USED
J7-8	NEU	NEUTRAL INTO BOARD	WHITE
J4-1	NOT USED	NOT USED	ORANGE
J4-2	REF DOOR LIGHT SENSE	SENSES IF REF DOOR OPEN	ORANGE
J4-3	NOT USED	NOT USED	NOT USED
J4-4	NOT USED	NOT USED	NOT USED
J4-5	NOT USED	NOT USED	NOT USED
J1-1	LOW VOLTAGE THERMISTOR CIRCUITS	NOT USED	NOT USED
J1-2	NOT USED	NOT USED	NOT USED
J1-3	REF EVAP	SENSES REF EVAP TEMP	ORANGE/YELW
J1-4	REF EVAP	SENSES REF EVAP TEMP	BLUE/YELW
J1-5	REF COMPARTMENT	SENSES REF CABINET TEMP	BLUE/WHITE
J1-6	REF COMPARTMENT	SENSES REF CABINET TEMP	BLUE/WHITE
J1-7	NOT USED	NOT USED	NOT USED
J1-8	NOT USED	NOT USED	NOT USED

PART NUMBER 7001949 REV A



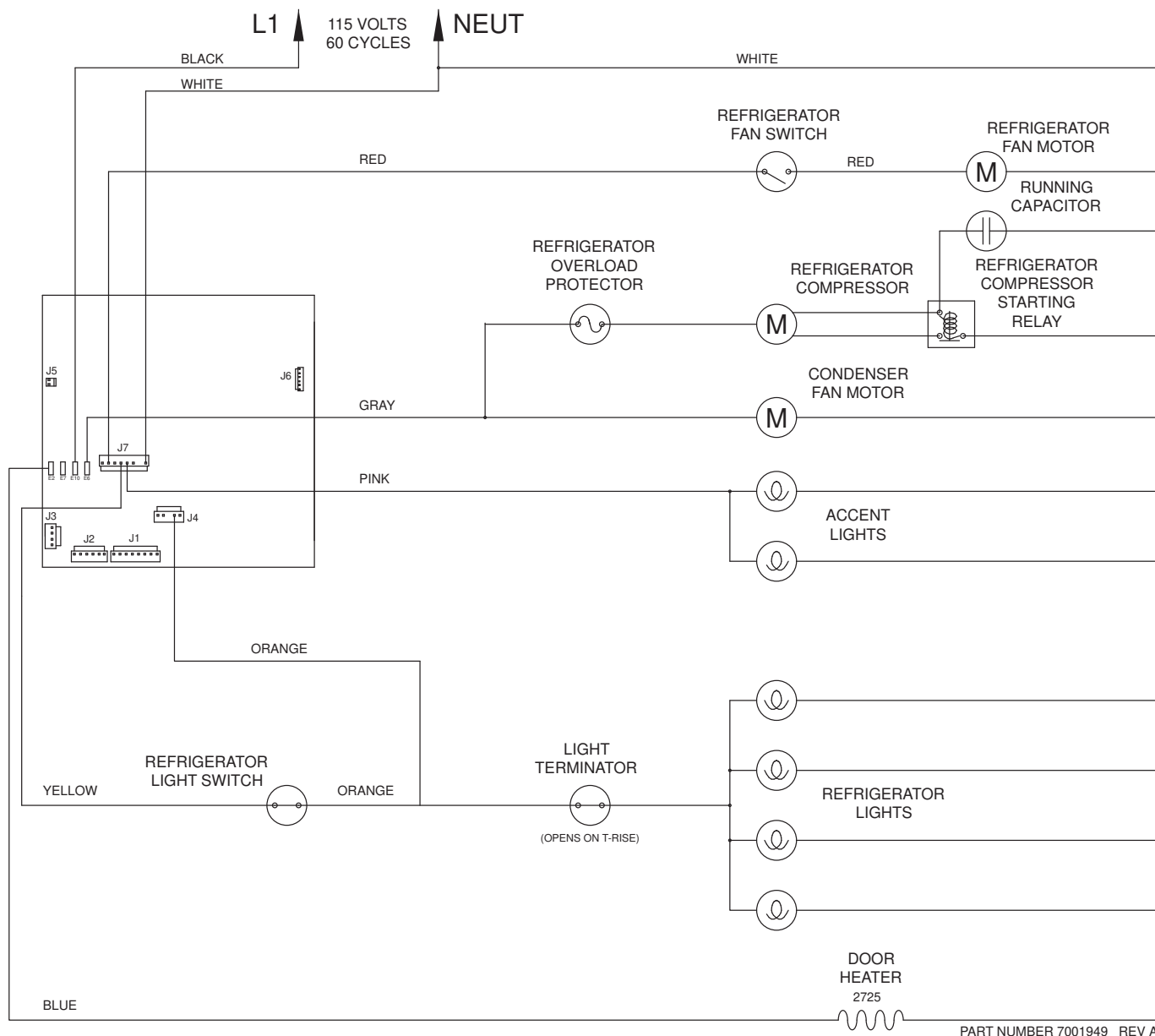
WIRING SCHEMATIC

MODEL: 601RG-3

WARNING

-This wiring information is provided for use by qualified service personnel only.
-Disconnect appliance from electrical supply before beginning service.
-Be sure all grounding devices are connected when service is complete.
-Failure to observe the above warnings may result in severe electrical shock.

HIGH VOLTAGE WIRING SCHEMATIC

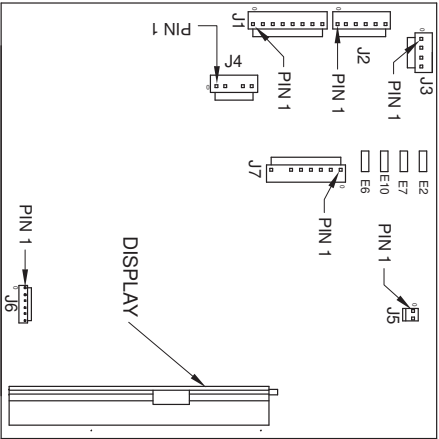


WIRING DIAGRAM

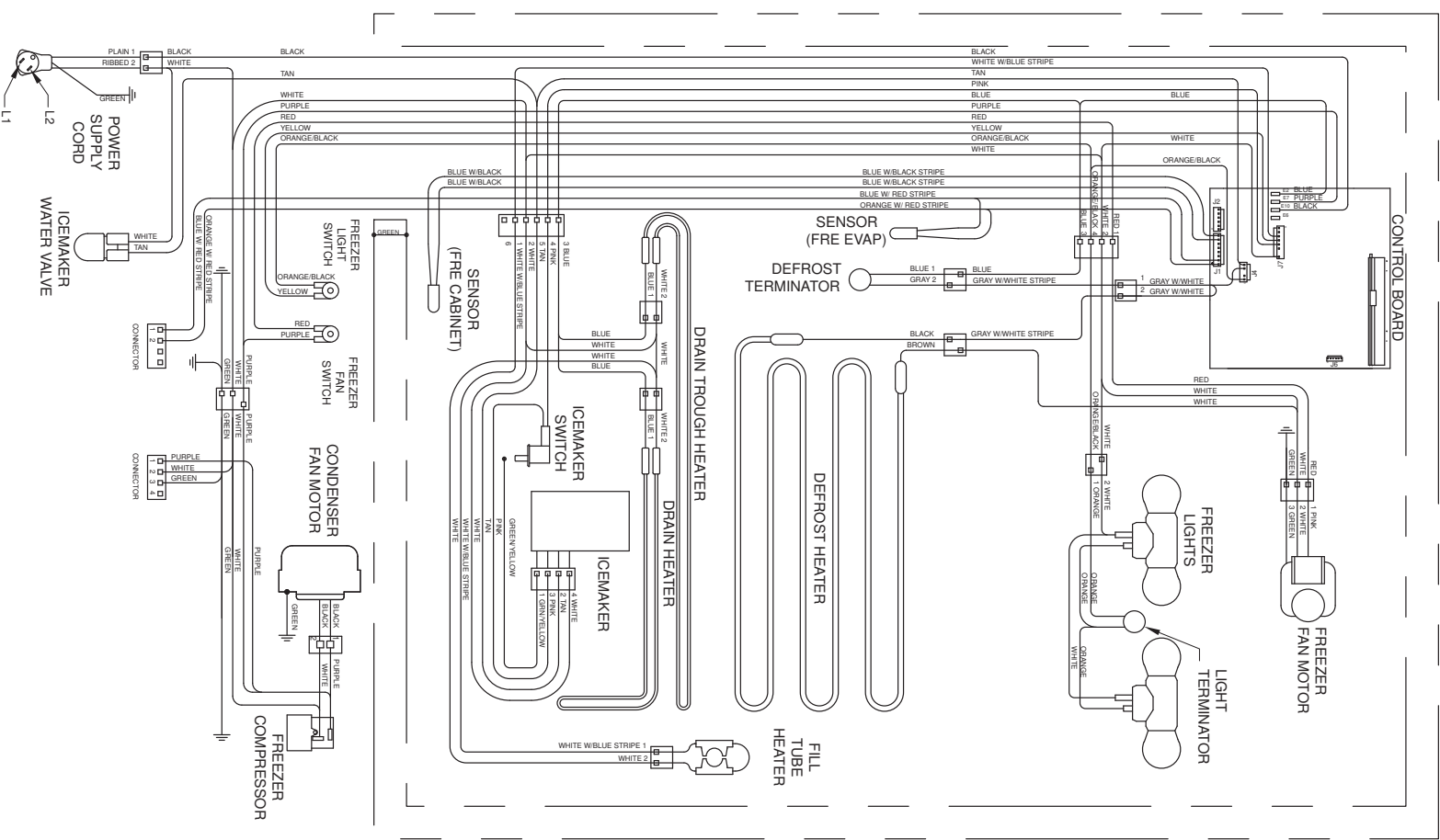
MODEL: 601F-3

WARNING

- This wiring information is provided for use by qualified service personnel only.
- Disconnect appliance from electrical supply before beginning service.
- Always use proper wiring practices.
- Always use proper safety practices.
- Failure to observe the above warnings may result in severe electrical shock.



CONTROL BOARD DETAIL



CONTROL BOARD SUMMARY

CIRCUIT	DESCRIPTION	FUNCTION	COLOR
120 VOLT CIRCUITS			
E2	DEF HTR	POWERS DEFROST HEATER	BLUE
E7	FCOMP	POWERS FRZ COMPRESSOR AND CONDENSER FAN	PURPLE
E10	L1	POWER IN	BLACK
E6	RCOMP	NOT USED	
J7-1	C FAN	NOT USED	
J7-2	E FAN	NOT USED	
J7-3	ICE MAKER ACC (FILL TUBE)	POWERS FILL TUBE HEATER AND ACCESSORIES	WHITE/BLUE
J7-4	LITES	POWERS LIGHTS	YELLOW
J7-5	ICE MAKER	POWERS ICE MAKER	PINK
J7-6	NOT USED		
J7-7	NOT USED(NO PIN)		
J7-8	NEU	NEUTRAL INTO BOARD	WHITE
J4-1	FRZ DOOR LIGHT SENSE	SENSES IF FRZ DOOR OPEN	ORANGE/BLACK
J4-2	NOT USED		
J4-3	NOT USED(NO PIN)		
J4-4	DEF SENSOR	SENSES WHEN DEF HEATER SHUTS OFF	GRAY/WHITE
J4-5	ICE MAKER VALVE SENSOR	SENSES WATER VALVE ACTIVATION	TAN
LOW VOLTAGE THERMISTOR CIRCUITS			
J1-1	FRZ EVAP	SENSES FRZ EVAP TEMP	ORANGE/RED
J1-2	FRZ EVAP	SENSES FRZ EVAP TEMP	BLUE/RED
J1-3	NOT USED		
J1-4	NOT USED		
J1-5	NOT USED		
J1-6	NOT USED		
J1-7	FRZ COMPARTMENT	SENSES FRZ CABINET TEMP	BLUE/BLACK
J1-8	FRZ COMPARTMENT	SENSES FRZ CABINET TEMP	BLUE/BLACK



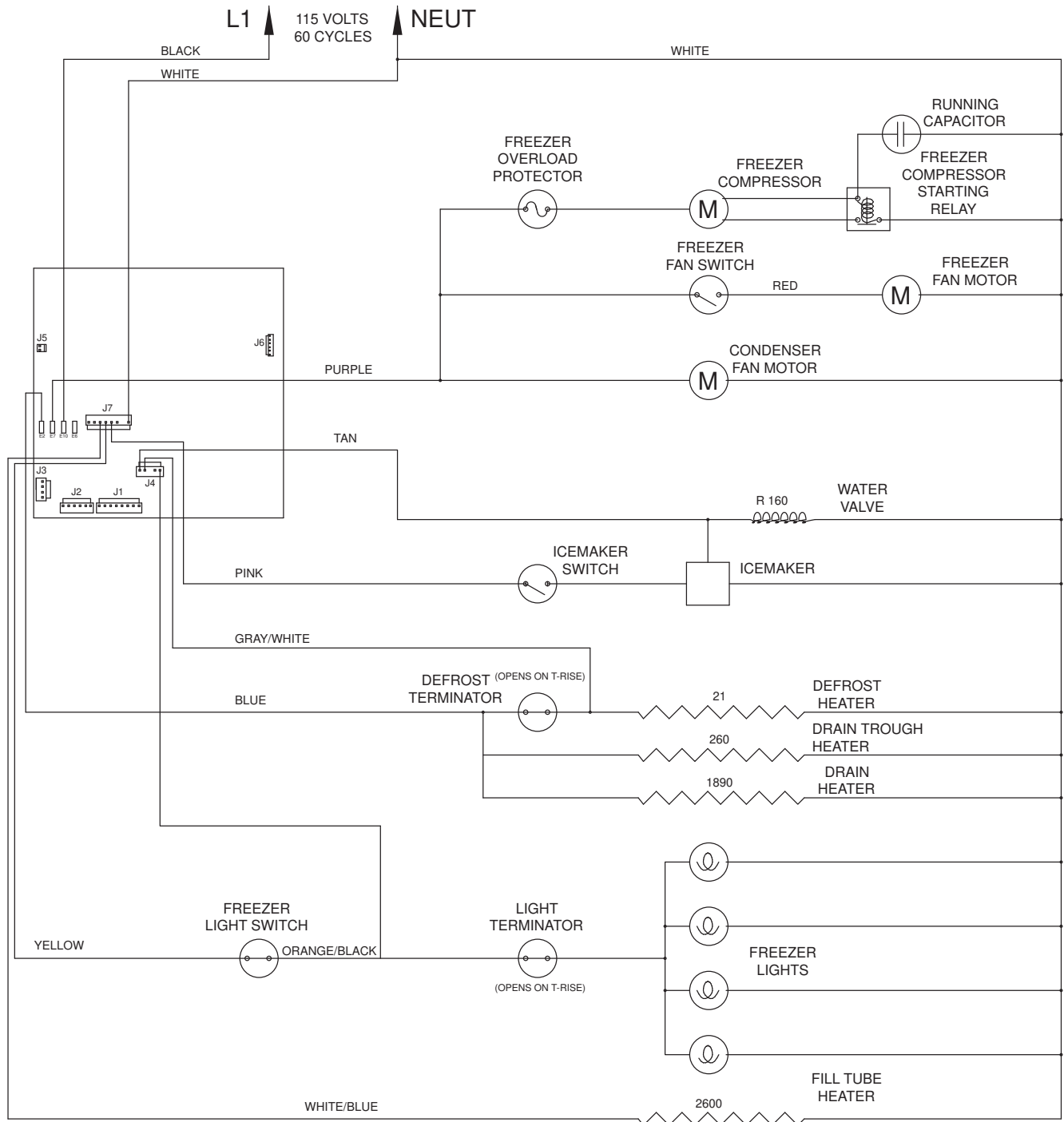
WIRING SCHEMATIC

MODEL: 601F-3

⚠ WARNING

-This wiring information is provided for use by qualified service personnel only.
-Disconnect appliance from electrical supply before beginning service.
-Be sure all grounding devices are connected when service is complete.
-Failure to observe the above warnings may result in severe electrical shock.

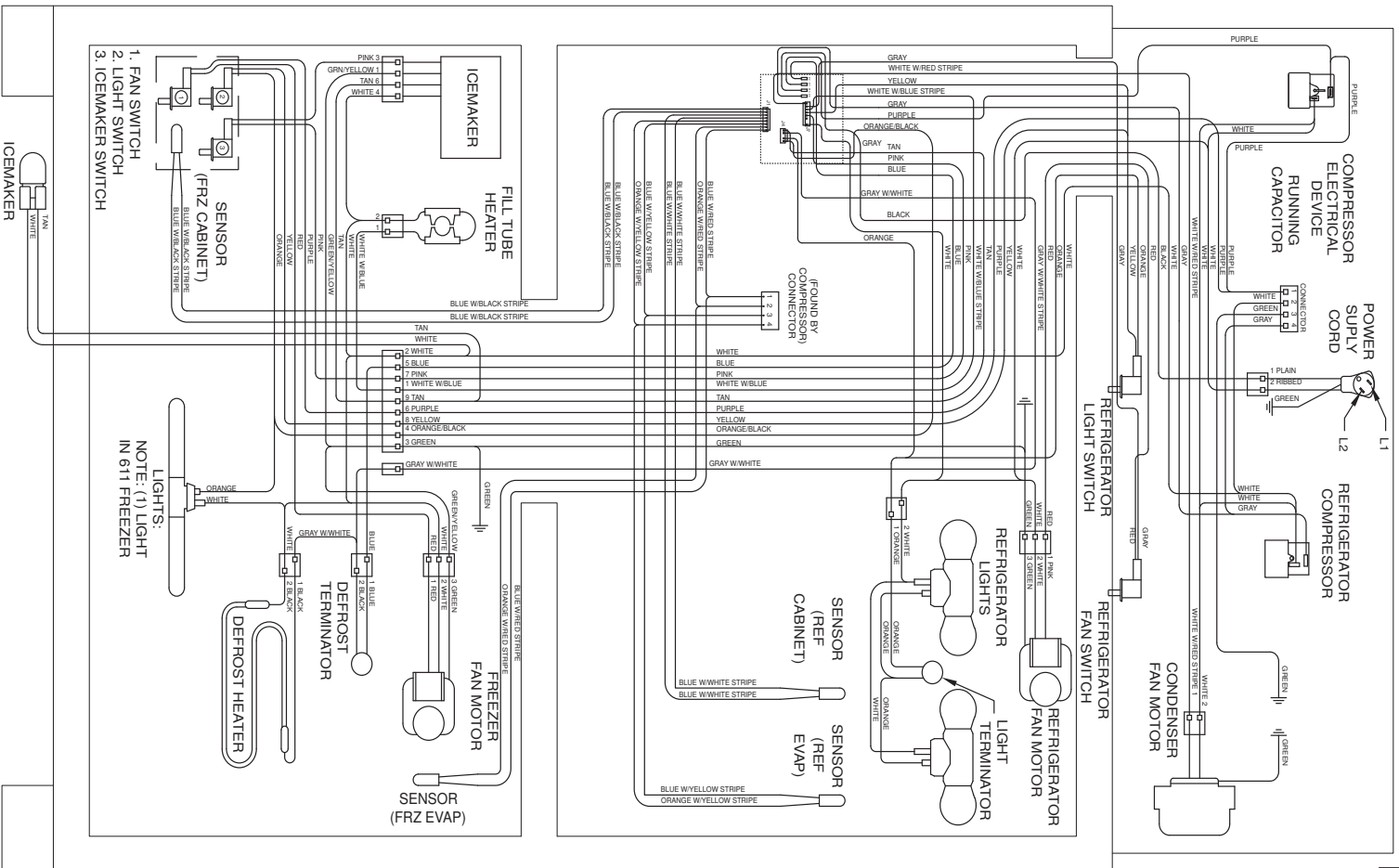
HIGH VOLTAGE WIRING SCHEMATIC



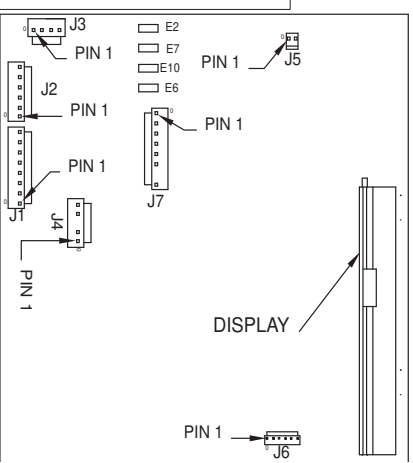
PART NUMBER 7002529 REV A

WIRING DIAGRAM

MODELS: 611-3 & 650-3



CONTROL BOARD SUMMARY				
	CIRCUIT	DESCRIPTION	FUNCTION	COLOR
		120 VOLT CIRCUITS		
E2	DEF HTR	DEFROST HEATER	POWERS DEFROST CIRCUIT	BLUE
E7	FCOMP	FRZ COMPRESSOR	POWERS FRZ COMPRESSOR	PURPLE
E10	L1	POWER IN	POWER INTO BOARD	BLACK
E6	RCOMP	REF COMPRESSOR	POWERS REF COMPRESSOR	GRAY
J7-1	E FAN	CONDENSER FAN	POWERS CONDENSER FAN	WHITE/RED
J7-2	E FAN	REF EVAP FAN	POWERS REF EVAP FAN	GRAY
J7-3		ICE MAKER ACC (FILL TUBE)	POWERS FILL TUBE HEATER AND ACCESSORIES	WHITE/BLUE
J7-4	LITE	LIGHTS	POWERS LIGHTS	YELLOW
J7-5		ICE MAKER	POWERS ICE MAKER	PINK
J7-6		NOT USED		
J7-7		NOT USED(NO PIN)		
J7-8	NEU	NEUTRAL	NEUTRAL INTO BOARD	WHITE
J4-1		FRZ DOOR LIGHT SENSE	SENSES IF FRZ DOOR OPEN	BROWN
J4-2		REF DOOR LIGHT SENSE	SENSES IF REF DOOR OPEN	ORANGE/BLACK
J4-3		NOT USED(NO PIN)		
J4-4		DEF SENSOR	SENSES WHEN DEF HEATER SHUTS OFF	GRAY/WHITE
J4-5		ICE MAKER VALVE SENSOR	SENSES WATER VALVE ACTIVATION	TAN
		LOW VOLTAGE THERMISTOR CIRCUITS		
J1-1		FRZ EVAP	SENSES FRZ EVAP TEMP	ORANGE/RED
J1-2		FRZ EVAP	SENSES FRZ EVAP TEMP	BLUE/RED
J1-3		REF EVAP	SENSES REF EVAP TEMP	ORANGE/YELLOW
J1-4		REF EVAP	SENSES REF EVAP TEMP	BLUE/YELLOW
J1-5		FRZ COMPARTMENT	SENSES FRZ CABINET	BLUE/WHITE
J1-6		REF COMPARTMENT	SENSES REF CABINET	BLUE/WHITE
J1-7		FRZ COMPARTMENT	SENSES FRZ CABINET TEMP	BLUE/BLACK
J1-8		FRZ COMPARTMENT	SENSES FRZ CABINET TEMP	BLUE/BLACK



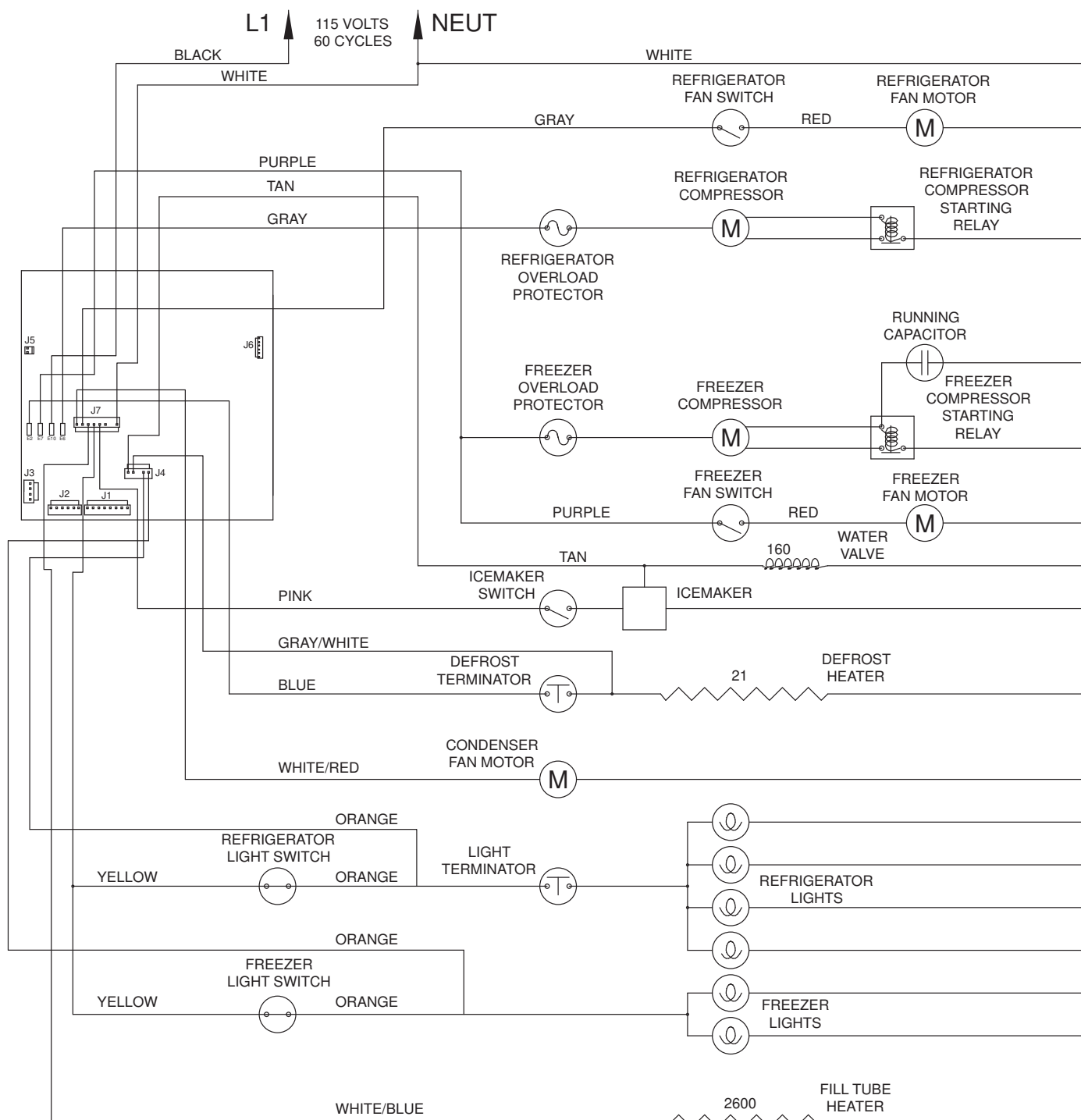
- This warning information is provided for use by qualified service personnel only.
- Disconnect appliance from electrical supply before beginning service.
- Be sure all grounding devices are connected when service is complete.
- Failure to observe the above warnings may result in severe electrical shock.

! WARNING

WIRING SCHEMATIC MODELS: 611-3 & 650-3

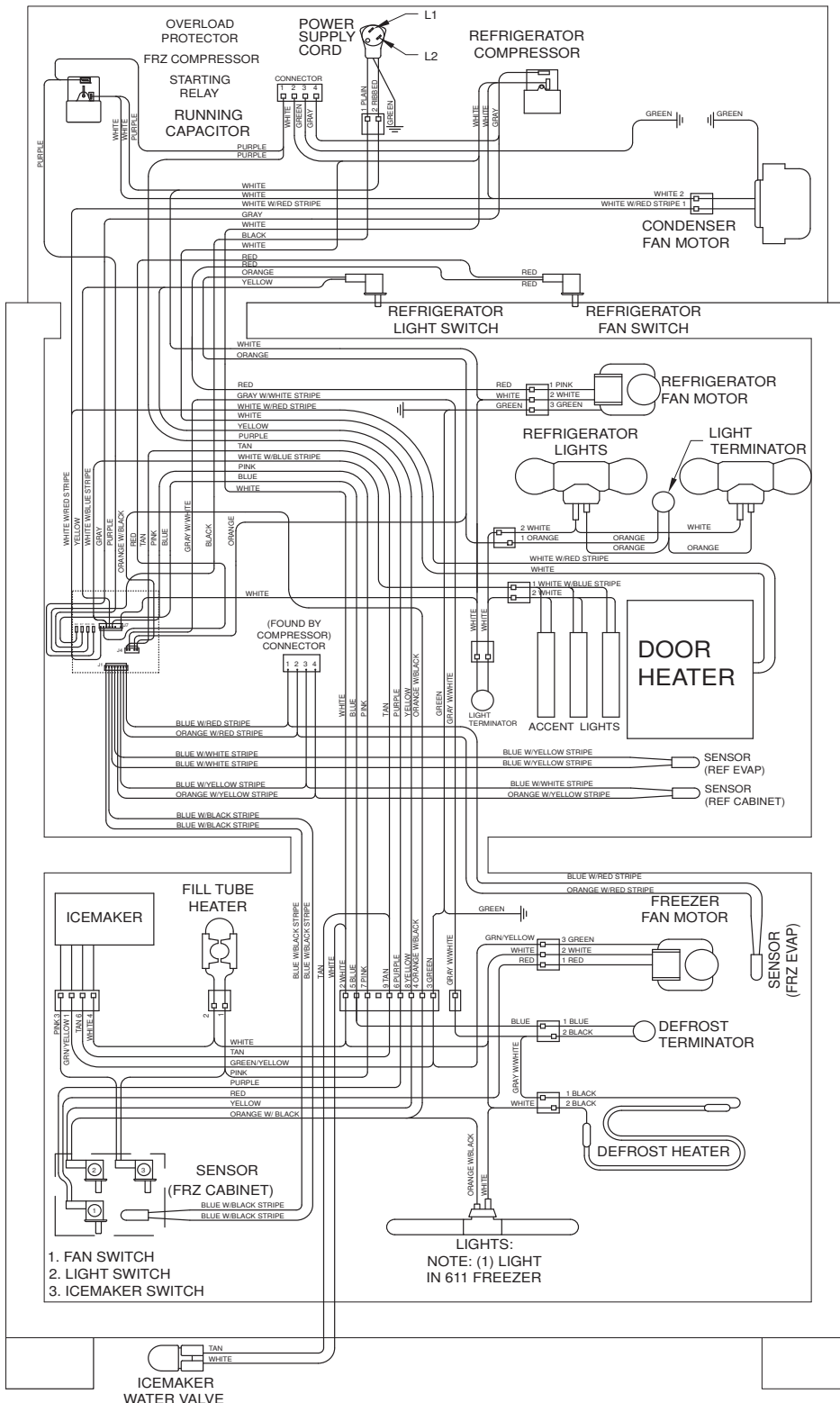
WARNING

-This wiring information is provided for use by qualified service personnel only.
-Disconnect appliance from electrical supply before beginning service.
-Be sure all grounding devices are connected when service is complete.
-Failure to observe the above warnings may result in severe electrical shock.



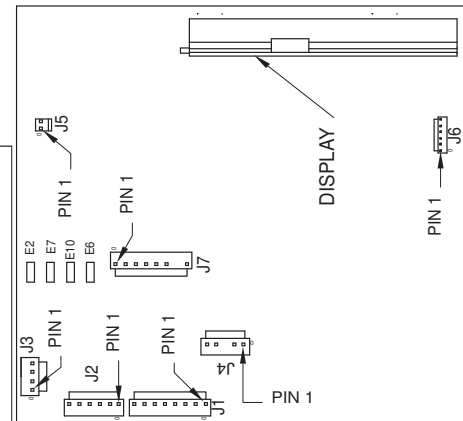
P/N 7001676 REV B

WIRING DIAGRAM MODELS: 611G-3 & 650G-3



⚠ WARNING

-This wiring information is provided for use by qualified service personnel only.
-Disconnect appliance from electrical supply before beginning service.
-Be sure all grounding devices are connected when service is complete.
-Failure to observe the above warnings may result in severe electrical shock.



CONTROL BOARD SUMMARY

CIRCUIT	DESCRIPTION	FUNCTION	COLOR
E9	120 VOLT CIRCUITS		
E7	DEF THER	POWERS DEFROST CIRCUIT	BLUE
E10	FRZ COMP	POWERS FRZ COMPRESSOR	PURPLE
E6	TRCOMP	POWERS INTO BOARD	BLACK
E11	REF COMP	POWERS REF COMPRESSOR	GRAY
E12	IC VAL	POWERS IC VALVE AND DOOR HEATER	WHITE
J7-1	IC VAL	POWERS ICE VALVE	RED
J7-2	IC VAL	POWERS ICE VALVE	WHITE
J7-3	IC VAL	POWERS ICE VALVE	YELLOW
J7-4	IC VAL	POWERS ICE VALVE	PINK
J7-5	IC VAL	POWERS ICE VALVE	GRAY
J7-6	IC VAL	POWERS ICE VALVE	BLUE
J7-7	IC VAL	POWERS ICE VALVE	GREEN
J7-8	IC VAL	POWERS ICE VALVE	WHITE
J7-9	IC VAL	POWERS ICE VALVE	GRAY
J7-10	IC VAL	POWERS ICE VALVE	BLUE
J7-11	IC VAL	POWERS ICE VALVE	GREEN
J7-12	IC VAL	POWERS ICE VALVE	WHITE
J7-13	IC VAL	POWERS ICE VALVE	GRAY
J7-14	IC VAL	POWERS ICE VALVE	BLUE
J7-15	IC VAL	POWERS ICE VALVE	GREEN
J7-16	IC VAL	POWERS ICE VALVE	WHITE
J7-17	IC VAL	POWERS ICE VALVE	GRAY
J7-18	IC VAL	POWERS ICE VALVE	BLUE
J7-19	IC VAL	POWERS ICE VALVE	GREEN
J7-20	IC VAL	POWERS ICE VALVE	WHITE
J7-21	IC VAL	POWERS ICE VALVE	GRAY
J7-22	IC VAL	POWERS ICE VALVE	BLUE
J7-23	IC VAL	POWERS ICE VALVE	GREEN
J7-24	IC VAL	POWERS ICE VALVE	WHITE
J7-25	IC VAL	POWERS ICE VALVE	GRAY
J7-26	IC VAL	POWERS ICE VALVE	BLUE
J7-27	IC VAL	POWERS ICE VALVE	GREEN
J7-28	IC VAL	POWERS ICE VALVE	WHITE
J7-29	IC VAL	POWERS ICE VALVE	GRAY
J7-30	IC VAL	POWERS ICE VALVE	BLUE
J7-31	IC VAL	POWERS ICE VALVE	GREEN
J7-32	IC VAL	POWERS ICE VALVE	WHITE
J7-33	IC VAL	POWERS ICE VALVE	GRAY
J7-34	IC VAL	POWERS ICE VALVE	BLUE
J7-35	IC VAL	POWERS ICE VALVE	GREEN
J7-36	IC VAL	POWERS ICE VALVE	WHITE
J7-37	IC VAL	POWERS ICE VALVE	GRAY
J7-38	IC VAL	POWERS ICE VALVE	BLUE
J7-39	IC VAL	POWERS ICE VALVE	GREEN
J7-40	IC VAL	POWERS ICE VALVE	WHITE
J7-41	IC VAL	POWERS ICE VALVE	GRAY
J7-42	IC VAL	POWERS ICE VALVE	BLUE
J7-43	IC VAL	POWERS ICE VALVE	GREEN
J7-44	IC VAL	POWERS ICE VALVE	WHITE
J7-45	IC VAL	POWERS ICE VALVE	GRAY
J7-46	IC VAL	POWERS ICE VALVE	BLUE
J7-47	IC VAL	POWERS ICE VALVE	GREEN
J7-48	IC VAL	POWERS ICE VALVE	WHITE
J7-49	IC VAL	POWERS ICE VALVE	GRAY
J7-50	IC VAL	POWERS ICE VALVE	BLUE
J7-51	IC VAL	POWERS ICE VALVE	GREEN
J7-52	IC VAL	POWERS ICE VALVE	WHITE
J7-53	IC VAL	POWERS ICE VALVE	GRAY
J7-54	IC VAL	POWERS ICE VALVE	BLUE
J7-55	IC VAL	POWERS ICE VALVE	GREEN
J7-56	IC VAL	POWERS ICE VALVE	WHITE
J7-57	IC VAL	POWERS ICE VALVE	GRAY
J7-58	IC VAL	POWERS ICE VALVE	BLUE
J7-59	IC VAL	POWERS ICE VALVE	GREEN
J7-60	IC VAL	POWERS ICE VALVE	WHITE
J7-61	IC VAL	POWERS ICE VALVE	GRAY
J7-62	IC VAL	POWERS ICE VALVE	BLUE
J7-63	IC VAL	POWERS ICE VALVE	GREEN
J7-64	IC VAL	POWERS ICE VALVE	WHITE
J7-65	IC VAL	POWERS ICE VALVE	GRAY
J7-66	IC VAL	POWERS ICE VALVE	BLUE
J7-67	IC VAL	POWERS ICE VALVE	GREEN
J7-68	IC VAL	POWERS ICE VALVE	WHITE
J7-69	IC VAL	POWERS ICE VALVE	GRAY
J7-70	IC VAL	POWERS ICE VALVE	BLUE
J7-71	IC VAL	POWERS ICE VALVE	GREEN
J7-72	IC VAL	POWERS ICE VALVE	WHITE
J7-73	IC VAL	POWERS ICE VALVE	GRAY
J7-74	IC VAL	POWERS ICE VALVE	BLUE
J7-75	IC VAL	POWERS ICE VALVE	GREEN
J7-76	IC VAL	POWERS ICE VALVE	WHITE
J7-77	IC VAL	POWERS ICE VALVE	GRAY
J7-78	IC VAL	POWERS ICE VALVE	BLUE
J7-79	IC VAL	POWERS ICE VALVE	GREEN
J7-80	IC VAL	POWERS ICE VALVE	WHITE
J7-81	IC VAL	POWERS ICE VALVE	GRAY
J7-82	IC VAL	POWERS ICE VALVE	BLUE
J7-83	IC VAL	POWERS ICE VALVE	GREEN
J7-84	IC VAL	POWERS ICE VALVE	WHITE
J7-85	IC VAL	POWERS ICE VALVE	GRAY
J7-86	IC VAL	POWERS ICE VALVE	BLUE
J7-87	IC VAL	POWERS ICE VALVE	GREEN
J7-88	IC VAL	POWERS ICE VALVE	WHITE
J7-89	IC VAL	POWERS ICE VALVE	GRAY
J7-90	IC VAL	POWERS ICE VALVE	BLUE
J7-91	IC VAL	POWERS ICE VALVE	GREEN
J7-92	IC VAL	POWERS ICE VALVE	WHITE
J7-93	IC VAL	POWERS ICE VALVE	GRAY
J7-94	IC VAL	POWERS ICE VALVE	BLUE
J7-95	IC VAL	POWERS ICE VALVE	GREEN
J7-96	IC VAL	POWERS ICE VALVE	WHITE
J7-97	IC VAL	POWERS ICE VALVE	GRAY
J7-98	IC VAL	POWERS ICE VALVE	BLUE
J7-99	IC VAL	POWERS ICE VALVE	GREEN
J7-100	IC VAL	POWERS ICE VALVE	WHITE

P/N 7001764 REV B

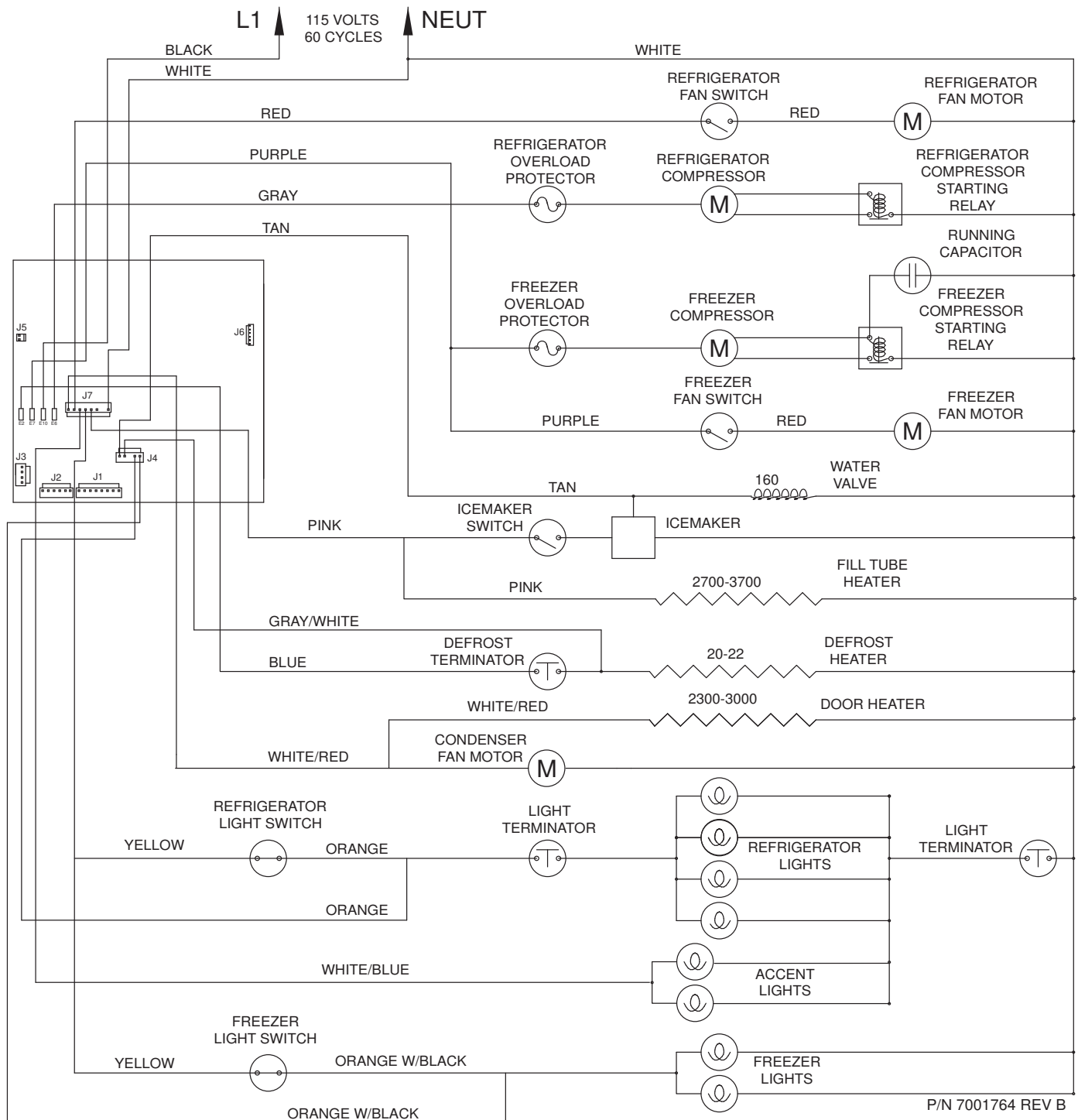


WIRING SCHEMATIC MODELS: 611G-3/650G-3



WARNING

- This wiring information is provided for use by qualified service personnel only.
- Disconnect appliance from electrical supply before beginning service.
- Be sure all grounding devices are connected when service is complete.
- Failure to observe the above warnings may result in severe electrical shock.



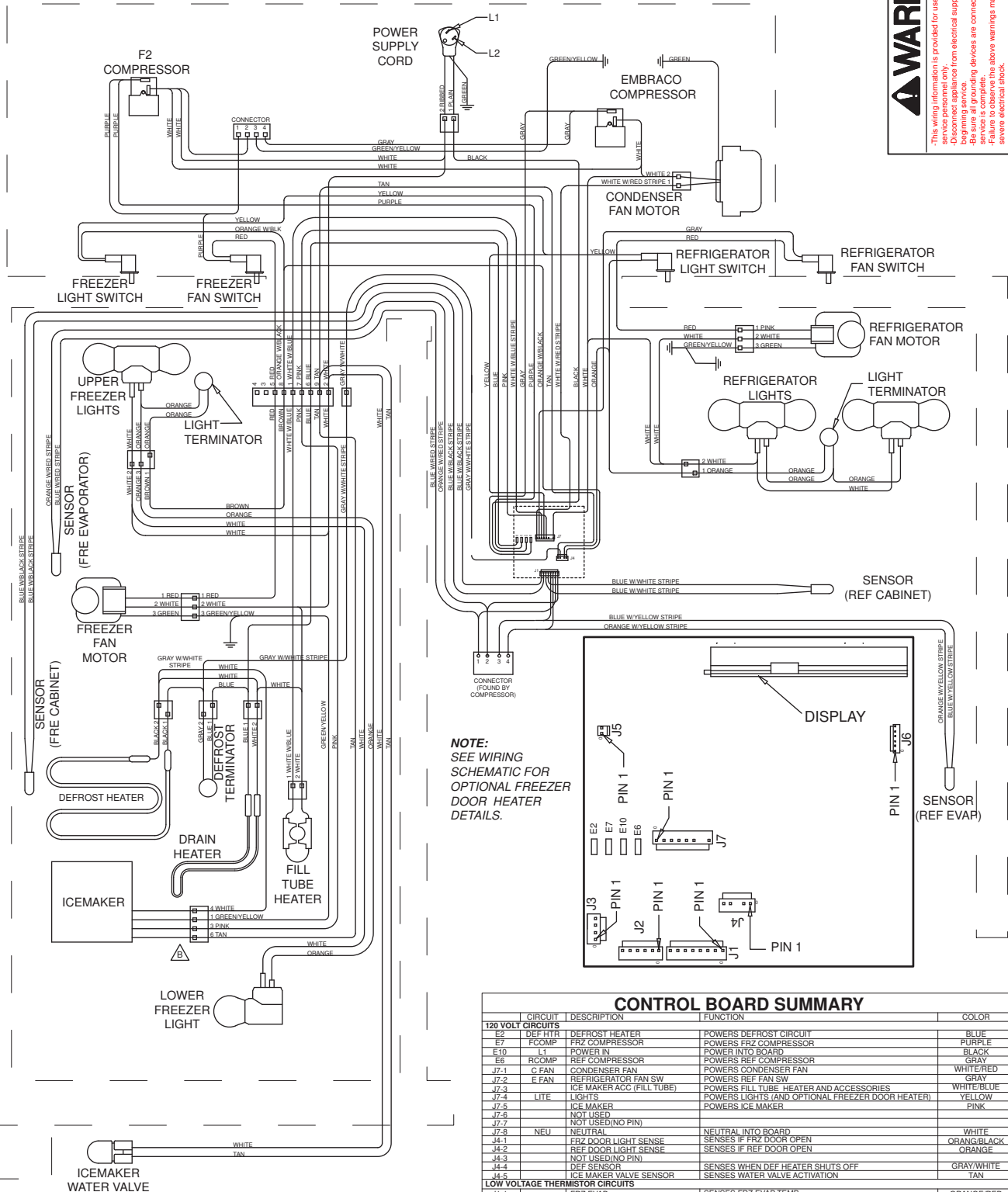
P/N 7003701 REV A

WIRING DIAGRAM MODELS: 632-3/642-3



WARNING

This wiring information is provided for use by qualified service personnel only.
 • Disconnect appliance from electrical supply before wiring.
 • Wiring must be done in accordance with applicable codes.
 • Reconnect and test devices are connected when service is complete.
 • Failure to observe the above warnings may result in severe electrical shock.



CONTROL BOARD SUMMARY

CIRCUIT	DESCRIPTION	FUNCTION	COLOR
120 VOLTAGE CIRCUITS			
E2	DEF HTR	POWERS DEFROST CIRCUIT	BLUE
E7	FCOMP	POWERS FRZ COMPRESSOR	PURPLE
E10	L1	POWER INTO BOARD	BLACK
E6	RCOMP	POWERS REF COMPRESSOR	GRAY
J7-1	C FAN	POWERS CONDENSER FAN	WHITE/RED
J7-2	E FAN	POWERS REF FAN SW	GRAY
J7-3	ICF MAKER ACC (FILL TUBE)	POWERS FILL TUBE HEATER AND ACCESSORIES	WHITE/BLUE
J7-4	LITE	POWERS LIGHTS (AND OPTIONAL FREEZER DOOR HEATER)	YELLOW
J7-5	ICE MAKER	POWERS ICE MAKER	PINK
J7-6	NOT USED		
J7-7	NOT USED (NO PIN)		
J7-8	NEU	NEUTRAL INTO BOARD	WHITE
J4-1	FRZ DOOR LIGHT SENSE	SENSES IF FRZ DOOR OPEN	ORANGE/BLACK
J4-2	REF DOOR LIGHT SENSE	SENSES IF REF DOOR OPEN	BLACK
J4-3	NOT USED (NO PIN)		
J4-4	DEF SENSOR	SENSES WHEN DEF HEATER SHUTS OFF	GRAY/WHITE
J4-5	ICE MAKER VALVE SENSOR	SENSES WATER VALVE ACTIVATION	TAN
LOW VOLTAGE THERMISTOR CIRCUITS			
J1-1	FRZ EVAP	SENSES FRZ EVAP TEMP	ORANGE/RED
J1-2	FRZ EVAP	SENSES FRZ EVAP TEMP	BLUE/RED
J1-3	REF EVAP	SENSES REF EVAP TEMP	ORANGE/YELLOW
J1-4	REF EVAP	SENSES REF EVAP TEMP	BLUE/YELLOW
J1-5	REF COMPARTMENT	SENSES REF CABINET	BLUE/WHITE
J1-6	REF COMPARTMENT	SENSES REF CABINET	BLUE/WHITE
J1-7	FRZ COMPARTMENT	SENSES FRZ CABINET TEMP	BLUE/BLACK
J1-8	FRZ COMPARTMENT	SENSES FRZ CABINET TEMP	BLACK/BLACK



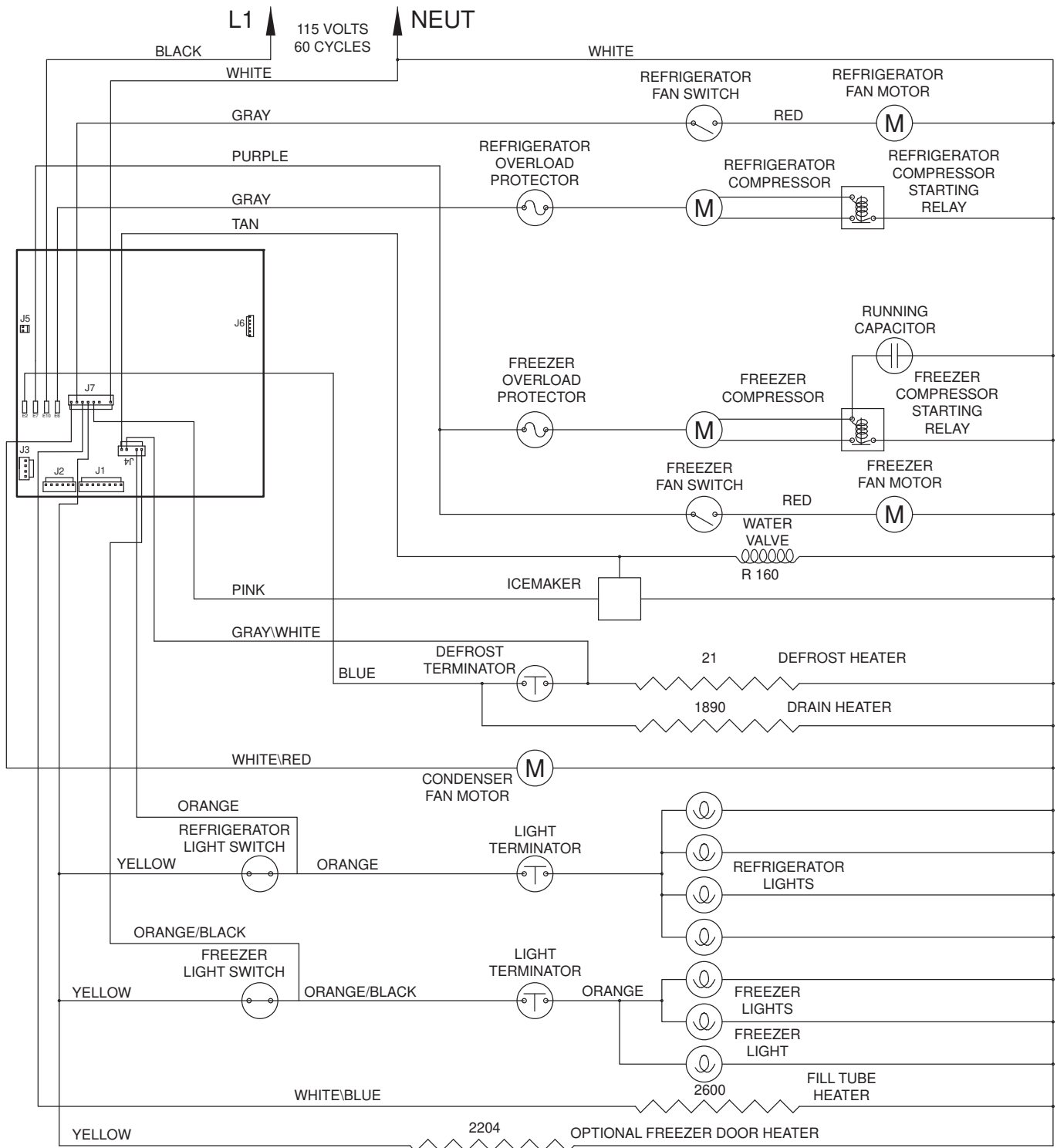
P/N 7003701 REV A

WIRING SCHEMATIC MODELS: 632-3/642-3



WARNING

- This wiring information is provided for use by qualified service personnel only.
- Disconnect appliance from electrical supply before beginning service.
- Be sure all grounding devices are connected when service is complete.
- Failure to observe the above warnings may result in severe electrical shock.



WIRING DIAGRAM

MODEL: 661-3



NOTE: SEE WIRING SCHEMATIC FOR OPTIONAL FREEZER DOOR HEATER DETAILS.

CIRCUIT	DESCRIPTION	FUNCTION	COLOR
120 VOLT CIRCUITS			
E2	DEF HTR	POWERS DEFROST HEATER	BLUE
E7	FOOMP	POWERS FRZ COMPRESSOR	PURPLE
E10	L1	POWER INTO BOARD	BLACK
E6	ROOMP	POWERS REF COMPRESSOR	GRAY
J7.1	C FAN	POWERS CONDENSER FAN	WHITE/RED
J7.2	E FAN	POWERS REF FAN SWITCH	GRAY
J7.3	ICE MAKER ACC (FILL TUBE)	POWERS FILL TUBE HEATER AND ACCESSORIES	WHITE/BLUE
J7.4	LITE	POWERS LIGHTS (AND OPTIONAL FREEZER DOOR HEATER)	YELLOW
J7.5	ICE MAKER	POWERS ICE MAKER	PINK
J7.6	NOT USED		
J7.7	NOT USED (NO PIN)		
J7.8	NEU	NEUTRAL INTO BOARD	WHITE
J4.1	FRZ DOOR LIGHT SENSE	SENSES IF FRZ DOOR OPEN	ORANGE/BLACK
J4.2	REF DOOR LIGHT SENSE	SENSES IF REF DOOR OPEN	ORANGE
J4.3	NOT USED (NO PIN)		
J4.4	DEF SENSOR	SENSES WHEN DEF HEATER SHUTS OFF	GRAY/WHITE
J4.5	ICE MAKER VALVE SENSOR	SENSES ICE MAKER VALVE ACTIVATION	TAN
LOW VOLTAGE THERMISTOR CIRCUITS			
J1.1	FRZ EVAP	SENSES FRZ EVAP TEMP	ORANGE/RED
J1.2	SENSES FRZ EVAP TEMP		

CONTROL BOARD SUMMARY

	CIRCUIT	DESCRIPTION	FUNCTION	COLOR
	120 VOLT CIRCUITS			
E2	DEF HTR	DEFROST HEATER	POWERS DEFROST CIRCUIT	BLUE
E7	FCOMP	FRZ COMPRESSOR	POWERS FRZ COMPRESSOR	PURPLE
E10	L1	POWER IN	POWER INTO BOARD	BLACK
E6	RCOMP	REF COMPRESSOR	POWERS REF COMPRESSOR	GRAY
J7-1	C FAN	CONDENSER FAN	POWERS CONDENSER FAN	WHITE/RED
J7-2	E FAN	REF FAN SWITCH	POWERS REF FAN SWITCH	GRAY
J7-3		ICE MAKER AC (FILL TUBE)	POWERS FILL TUBE HEATER AND ACCESSORIES	WHITE/BLUE
J7-4	LITE	LIGHTS	POWERS LIGHTS (AND OPTIONAL FREEZER DOOR HEATER)	YELLOW
J7-5		ICE MAKER	POWERS ICE MAKER	PINK
J7-6		NOT USED		
J7-7		NOT USED (NO PIN)		
J7-8		NEUTRAL	NEUTRAL INTO BOARD	
J4-1	NEU	FRZ DOOR LIGHT SENSE	SENSES IF FRZ DOOR OPEN	WHITE
J4-2		REF DOOR LIGHT SENSE	SENSES IF REF DOOR OPEN	ORANGE/BLACK
J4-3		NOT USED (NO PIN)		ORANGE
J4-4		DEF SENSE	SENSES WHEN DEF HEATER SHUTS OFF	GRAY/WHITE
J4-5		ICE MAKER VALVE SENSOR	SENSES WATER VALVE ACTIVATION	TAN
	LOW VOLTAGE THERMISTOR CIRCUITS			
J12-1		FRZ EVAP	SENSES FRZ EVAP TEMP	ORANGE/RED
J1-2		FRZ EVAP	SENSES FRZ EVAP TEMP	BLUE/RED
J1-3		REF EVAP	SENSES REF EVAP TEMP	ORANGE/YELLOW
J1-4		REF EVAP	SENSES REF EVAP TEMP	BLUE/YELLOW
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	BLUE/BLACK
J1-8		FRZ COMPARTMENT	SENSES FRZ CABINET TEMP	BLUE/BLACK

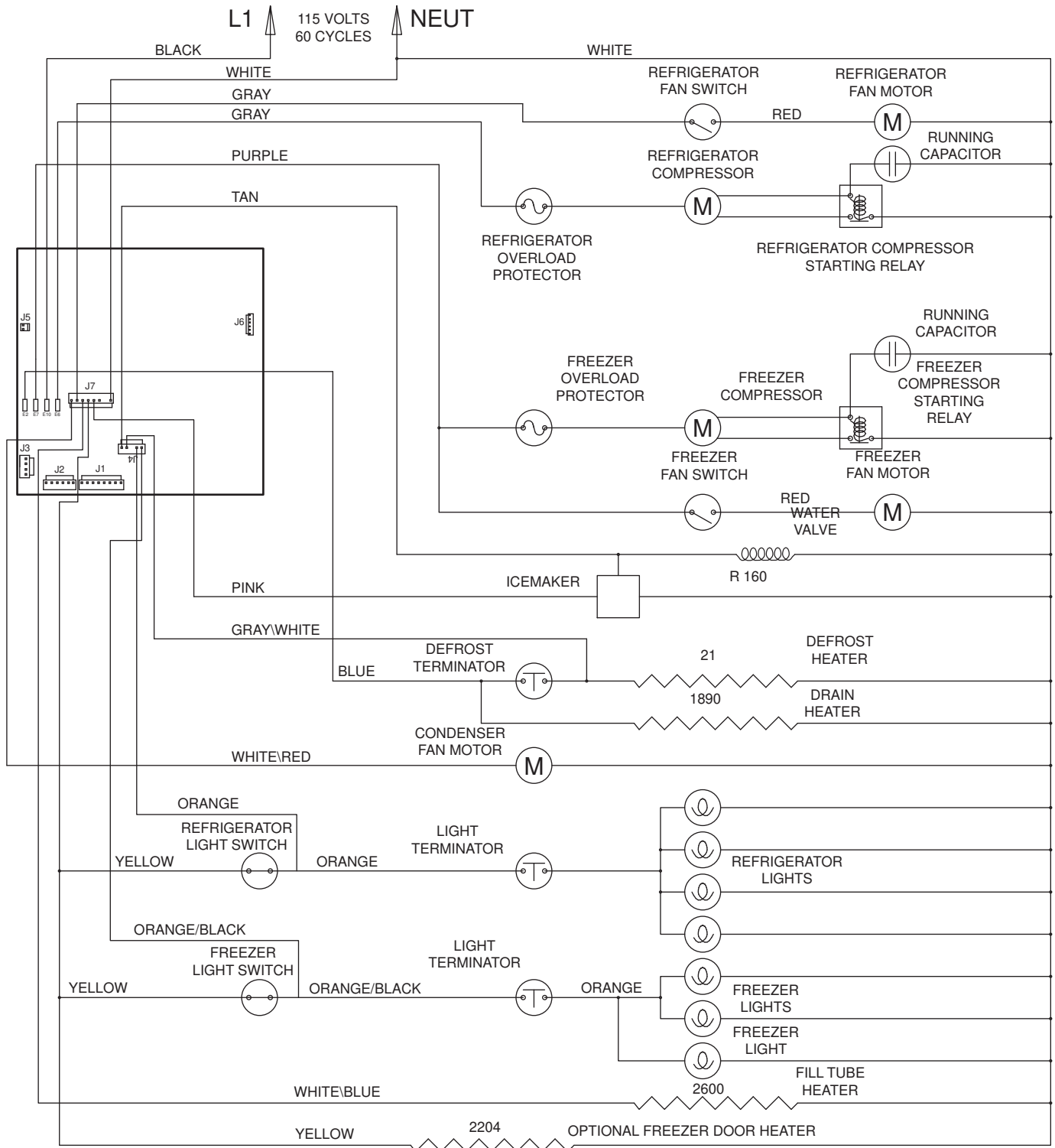


P/N 7003703 REV A

WIRING SCHEMATIC MODEL: 661-3

WARNING

-This wiring information is provided for use by qualified service personnel only.
-Disconnect appliance from electrical supply before beginning service.
-Be sure all grounding devices are connected when service is complete.
-Failure to observe the above warnings may result in severe electrical shock.

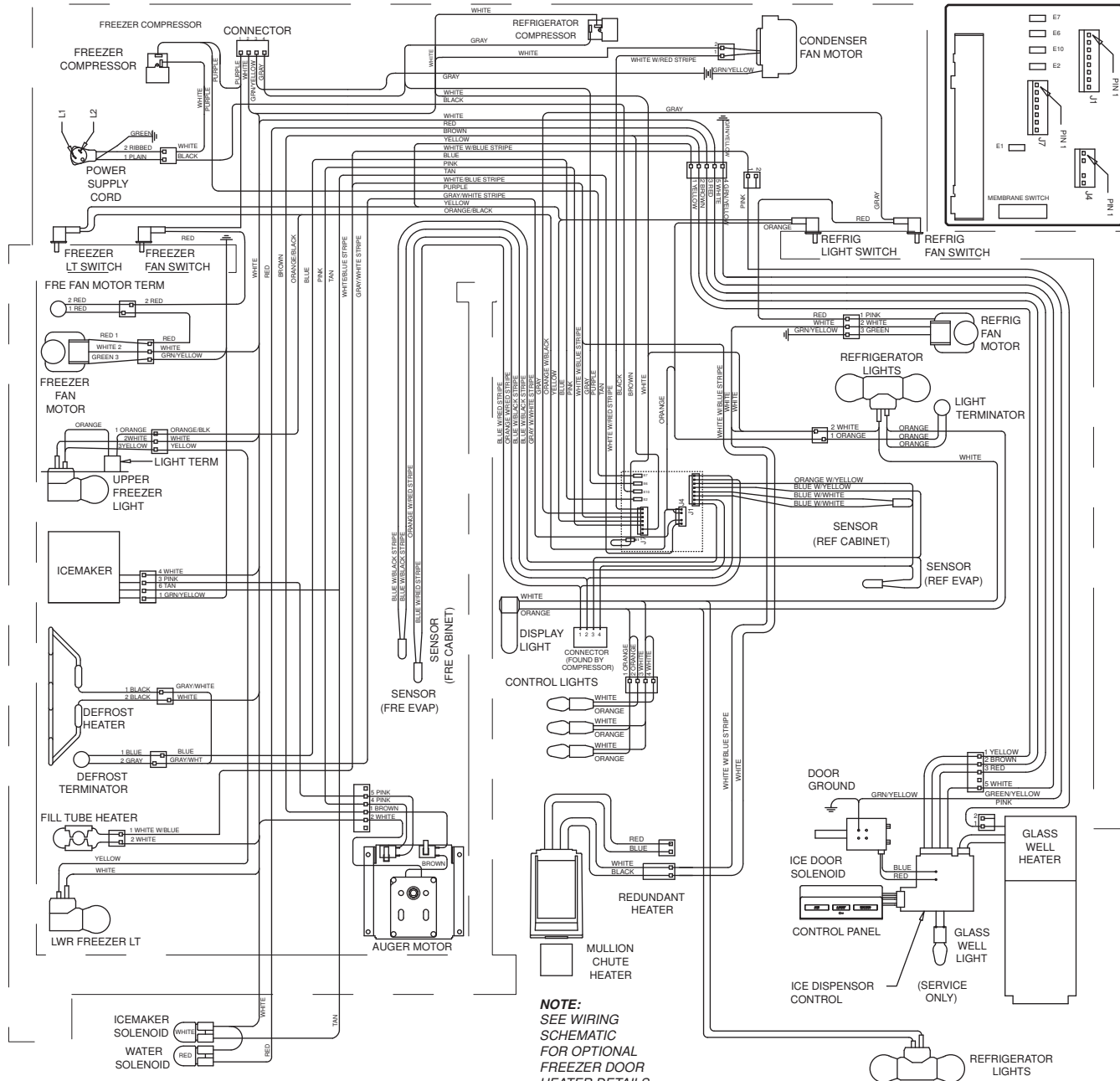


P/N 7003702 REV A

WIRING DIAGRAM MODELS: 685-3/695-3

WARNING

-This wiring information is provided for use by qualified service personnel only.
-Disconnect appliance from electrical supply before beginning service.
-Be sure all grounding devices are connected when service is complete.
-Failure to observe the above warnings may result in severe electrical shock.



CONTROL BOARD SUMMARY

CIRCUIT	DESCRIPTION	FUNCTION	COLOR	CIRCUIT	DESCRIPTION	FUNCTION	COLOR
120 VOLT CIRCUITS				120 VOLT CIRCUITS CONTINUED			
E1	NEUTRAL	NEUTRAL INTO BOARD	WHITE	J7-5	ICE MAKER	POWERS ICE MAKER	PINK
E2	DEFROST HEATER	POWERS DEFROST CIRCUIT	BLUE	J7-6	BULK ICE	POWERS AUGER MOTOR	BROWN
E6	REFRIGERATOR COMPRESSOR	POWERS REFRIG. COMPRESSOR	GRAY	J7-7	NOT USED		
E7	FREEZER COMPRESSOR	POWERS FREEZER COMPRESSOR	PURPLE				
E10	POWER IN	POWER INTO BOARD	BLACK				
J4-1	FREEZER LIGHT SENSOR	SENSES IF FREEZER DOOR OPEN	ORANGE/BLK	J1-1	THERMISTERS CIRCUITS		
J4-2	REF LIGHT SENSOR	SENSES IF REF DOOR OPEN	ORANGE	J1-2	FREEZER EVAPORATOR	SENSES FRE EVAP TEMP	ORANGE/RED
J4-3	NOT USED (NO PIN)			J1-3	REFRIGERATOR EVAPORATOR	SENSES FRE EVAP TEMP	BLUE/RED
J4-4	DEFROST SENSE TERMINATOR	SENSES WHEN HEATER SHUTS OFF	GRAY/WHIT	J1-4	REFRIGERATOR EVAPORATOR	SENSES REF EVAP TEMP	ORANGE/YELLOW
J5-5	ICE MAKER VALVE	POWERS FREEZER DOOR HEATER	TAN	J1-5	REFRIGERATOR COMPARTMENT	SENSES REF EVAP TEMP	BLUE/YELLOW
J7-1	CONDENSER	POWERS CONDENSER FAN	WHITE/RED	J1-6	REFRIGERATOR COMPARTMENT	SENSES REF COMPARTMENT TEMP	BLUE/WHITE
J7-2	REFRIG FAN SWITCH	POWERS REF FAN SW	GRAY	J1-7	FREEZER COMPARTMENT	SENSES FREZ COMPARTMENT TEMP	BLUE/BLACK
J7-3	ICE MAKER ACCESSORIES(FILL TUBE)	POWERS FILL TUBE AND ACCESSORIES	WHITE/BLUE	J1-8	FREEZER COMPARTMENT	SENSES FREZ COMPARTMENT TEMP	BLUE/BLACK
J7-4	LIGHTS	POWERS LIGHTS (AND OPTIONAL FREEZER DOOR HEATER)	YELLOW				



P/N 7003702 REV A

WIRING SCHEMATIC MODELS: 685-3/695-3



WARNING

-This wiring information is provided for use by qualified service personnel only.
-Disconnect appliance from electrical supply before beginning service.
-Be sure all grounding devices are connected when service is complete.
-Failure to observe the above warnings may result in severe electrical shock.

