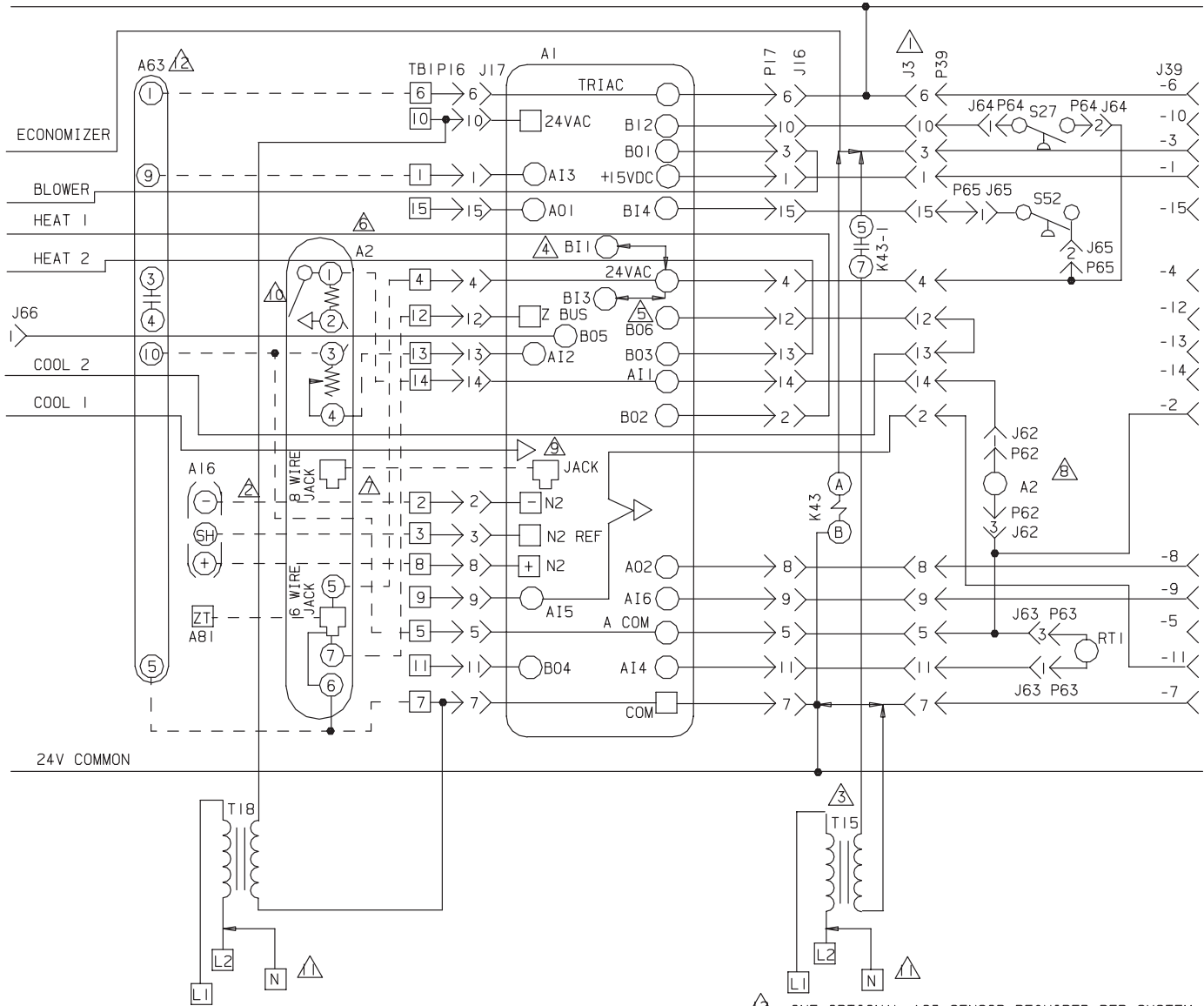


24V POWER



- ⚠ ONE OPTIONAL A63 SENSOR REQUIRED PER SYSTEM
  - ⚠ USED ON 3 PHASE, 50HZ APPLICATIONS
  - ⚠ PUSHBUTTON OVERRIDE
  - ⚠ DISCONNECT WIRE FROM J3-2 TO COOL 1 (K1) AND CONNECT J3-2 WIRE TO AI5 ON AI
  - ⚠ NOT USED IF ROOM SENSOR IS USED
  - ⚠ ALTERNATE HOOKUP USING PHONE TYPE, 8 WIRE, CABLE
  - ⚠ ROOM AIR SENSOR IS NOT USED ON ZONE SYSTEMS
  - ⚠ REMOVE JUMPER FOR ZONED SYSTEM
  - ⚠ FOR INTERMITTENT FAN OPERATION DURING OCCUPIED PERIOD, CONNECT JUMPER FROM 24VAC TO B11
  - ⚠ T15 AND K43 RELAY ARE REQUIRED WITH B7 HONEYWELL M7415A DAMPER MOTOR
  - ⚠ N2-, N2+ AND REF-COMMUNICATIONS LINK
  - ⚠ J3 MAXIMUM LOAD 20VA 24VAC CLASS II
- — — — CLASS II FIELD WIRING

KEY	DESCRIPTION
	COMPONENT
A1	CONTROL-MODULE
A2	SENSOR-(SEE NOTES 6 & 8)
A16	CONTROL-MICROPROCESSOR
A63	SENSOR-CO2
A81	CONTROL-UNIT MONITORING
J3	JACK-ECONOMIZER
J16	JACK-UNIT
J17	JACK-LOGIC PANEL
J39	JACK-ADAPTER
J62	JACK-A2 RA SENSOR
J63	JACK-RT1 DA SENSOR
J64	JACK-S27 FILTER SWITCH
J65	JACK-S52 FAN SWITCH
J66	JACK-COOL 1 INTERFACE
K43, -1	RELAY-ECONOMIZER BLOWER
P16	PLUG-UNIT
P17	PLUG-LOGIC PANEL
P39	PLUG-ADAPTER
P62	PLUG-A2 RA SENSOR
P63	PLUG-RT1 DA SENSOR
P64	PLUG-FILTER SWITCH
P65	PLUG-S52 FAN SWITCH
RT1	SENSOR-DISCHARGE
S27	SWITCH-FILTER
S52	SWITCH-AIR FLOW
T15	TRANSFORMER-ECONOMIZER MOTOR
T18	TRANSFORMER-CONTACTOR
TB1	TERMINAL STRIP-LOW VOLT

TERM. NO.	UNIT FUNCTION
1	Y1 COOL 1
2	W1 HEAT 1
3	G BLOWER
4	4
5	5
6	R 24V POWER
7	C 24V COMMON
8	8
9	9
10	10 POWER TO S1
11	11
12	Y2 COOL 2
13	W2 HEAT 2
14	14
15	15

<b>LENNOX</b> <sup>®</sup> Industries Inc.	WIRING DIAGRAM	10/97
ACCESSORIES		
JOHNSON UNT CONTROL 16 AND 24 SERIES		
TEMPERATURE CONTROL SECTION C28		
Supersedes Form No. 532, 129W	New Form No. 532, 659W	