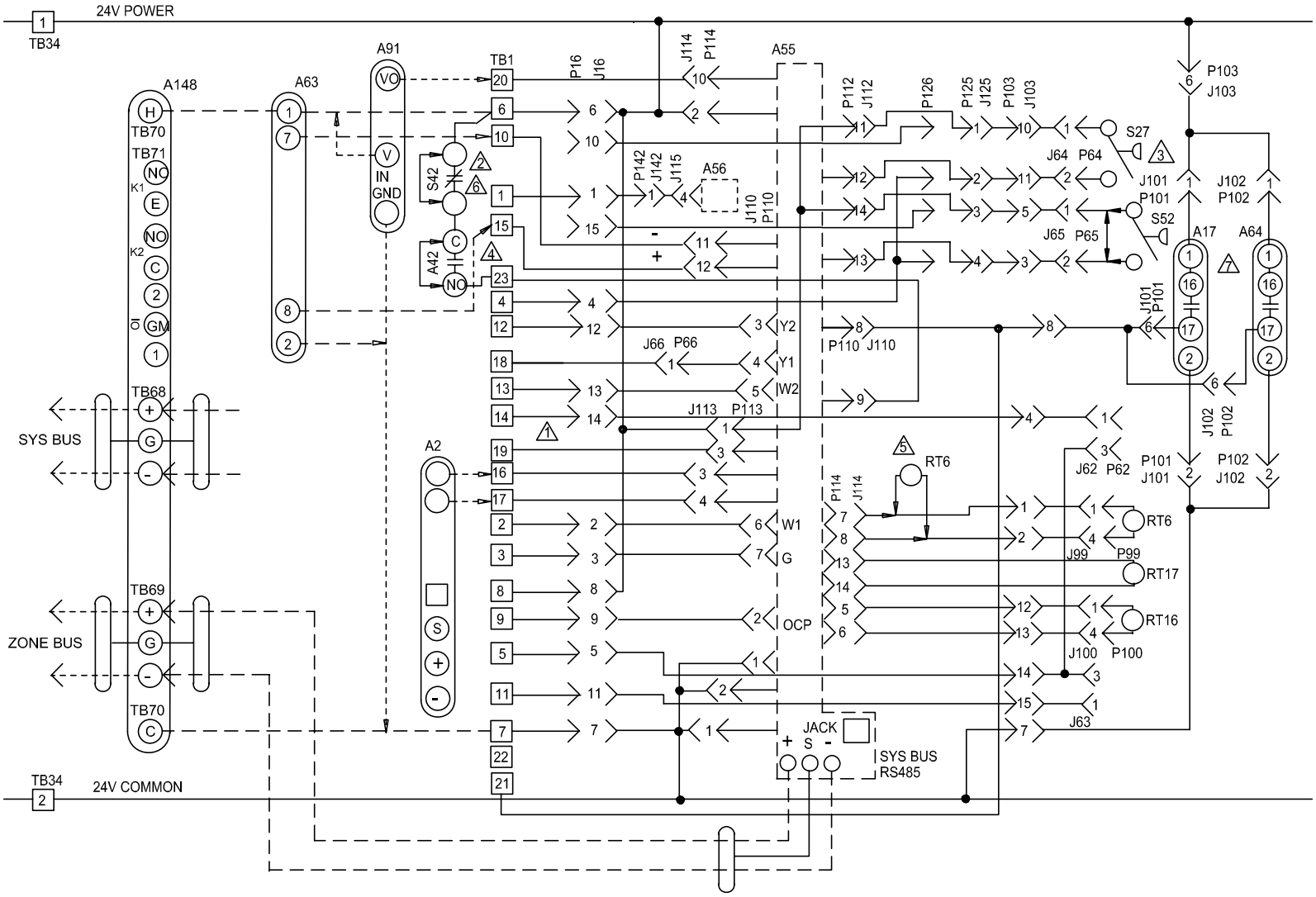

DESCRIPTION	
KEY	COMPONENT
A17	DETECTOR-SMOKE
A42	MONITOR-PHASE PROTECTION
A55	PANEL-MAIN
A56	PANEL-ECON-EMI
A63	SENSOR-CO2(1AQ) OPTIONAL
A64	DETECTOR-SMOKE,SUPPLY AIR
A91	SENSOR-HUMIDITY
A148	CONTROL-ZONE LINK
J16	JACK-UNIT
J62	JACK-A2 RETURN AIR SENSOR
J63	JACK-RT1 DISCH. AIR SENSOR
J64	JACK-S27 FILTER SWITCH
J65	JACK-S52 FAN SWITCH
J66	JACK-COOL 1 INTERFACE
J100	JACK-RETURN TEMP SENSOR
J101	JACK-SMOKE DETECTOR,RETURN AIR
J102	JACK-SMOKE DETECTOR,SUPPLY AIR
J103	JACK-SENSORS,CONTROL
J110	JACK-THERMOSTAT INPUT
J112	JACK-COOLING SENSOR INPUT
J113	JACK-BLOWER & COOL 1 CONTROL
J114	JACK-SENSOR INPUT
J115	JACK-ECONOMIZER OUTPUT
J125	JACK-BLOWER PROVING
J126	JACK-JUMPER,BLOWER PROVING
J142	JACK-ECONOMIZER HARNESS

DESCRIPTION	
KEY	COMPONENT
P16	PLUG-UNIT
P62	PLUG-A2 RA SENSOR
P64	PLUG-S27 FILTER SWITCH
P65	PLUG-S52 BLOWER PROVE SWITCH
P66	PLUG-COOL ONE
P99	PLUG-DISCHARGE TEMP SENSOR
P100	PLUG-RETURN TEMP SENSOR
P101	PLUG-SMOKE DETECTOR,RETURN AIR
P102	PLUG-SMOKE DETECTOR,SUPPLY AIR
P103	PLUG-SENSORS,CONTROL
P110	PLUG-THERMOSTAT INPUT
P112	PLUG-COOLING SENSOR INPUT
P113	PLUG-BLOWER & COOL 1 CONTROL
P114	PLUG-SENSOR INPUT
P125	PLUG-BLOWER PROVING
P126	PLUG-JUMPER,BLOWER PROVING
P142	PLUG-ECONOMIZER HARNESS
RT6	SENSOR-A55 DISCHARGE (IMC)
RT16	SENSOR-RETURN AIR TEMP
RT17	SENSOR-OUTSIDE AIR TEMP
S27	SWITCH-FILTER
S42	OVERLOAD-RELAY,BLOWER MOTOR
S52	SWITCH-AIRFLOW
TB1	TERMINAL STRIP-24V CLASS II
TB34	TERMINAL STRIP-TRANSFORMER T1
TB68	TERMINAL STRIP-SYS BUS
TB69	TERMINAL STRIP-ZONE BUS
TB70	TERMINAL STRIP-POWER

7 TERMINAL DESIGNATION WHEN USING DH400 SENSOR

6 A42 AND S42 HOOKUP ARE UNITS LESS INVERTER,SEE INVERTER WITH BYPASS DIAGRAMS FOR S42 HOOKUP

5 REMOTE LOCATION OF RT6

4 A42 CONTACTS CLOSE ON POWER UP, UNLESS THERE IS A FAILURE MODE

3 S27 AND S52 ARE OPTIONAL

2 FOR MOTORS WITH S42 EXTERNAL OVERLOAD

1 TB1-19 IS SERVICE RELAY OUTPUT(24VAC). IF USED CONNECT TO A INDICATOR LIGHT OR RELAY COIL (MAX 4VA)

DESIGNATES OPTIONAL WIRING

CLASS II FIELD WIRING

WIRING DIAGRAM 7/06

ACCESSORIES

CONTROL FOR L SERIES, S-CLASS ZONE LINK CONTROL

FIELD

TEMPERATURE CONTROL SECTION

Supersedes Form No.	New Form No.
	535,509W

© 2006

Litho U.S.A.