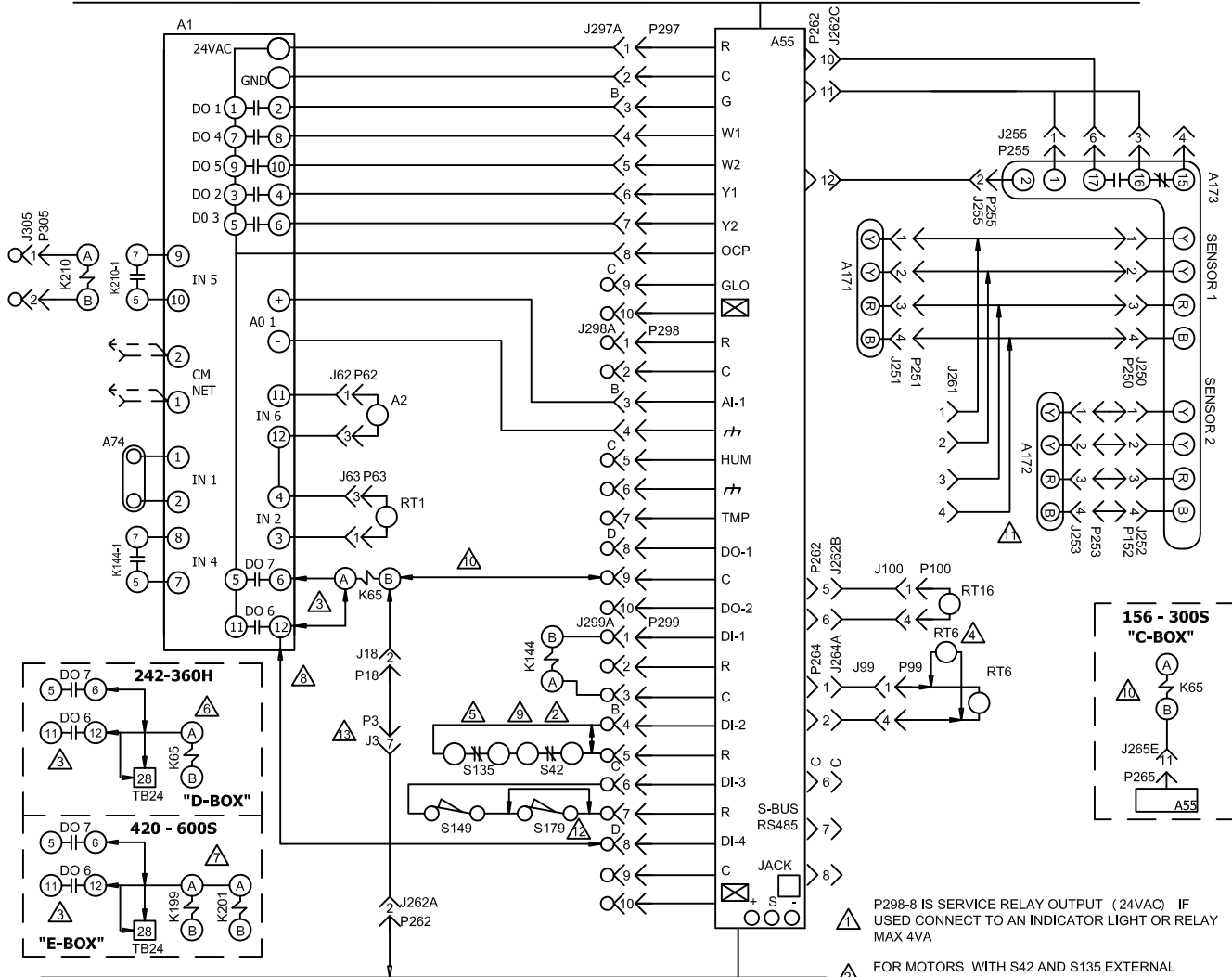


24V POWER



24V COMMON

KEY	COMPONENT
A1	PANEL, AUTOMATED LOGIC CONTROLLER
A2	SENSOR, RETURN AIR (ALC)
A55	PANEL, CONTROL MAIN BOARD LENNOX
A74	SENSOR, ROOM (64K61)
A171	SENSOR ONE, SMOKE, RETURN AIR
A172	SENSOR TWO, SMOKE, SUPPLY AIR
A173	MODULE, CONTROL SMOKE DETECTION
K65	RELAY, EXHAUST FAN
K144	RELAY, SMOKE DETECTOR ALARM
K199	CONTACTOR, EXHAUST BLOWER 1
K201	CONTACTOR, EXHAUST BLOWER 2
K210-1	RELAY, SAFETY
RT1	SENSOR, DISCHARGE AIR
RT6	SENSOR, A55 DISCHARGE AIR (IMC)
RT16	SENSOR, RETURN AIR TEMP
S27	SWITCH, FILTER
S42	SWITCH, OVERLOAD RELAY BLOWER MOTOR LO
S52	SWITCH, AIRFLOW
S135	SWITCH, OVERLOAD RELAY BLOWER MOTOR HI
S149	SWITCH, OVERFLOW
S179	SWITCH, OVERFLOW 2
TB24	TERMINAL STRIP, UNIT ADDER

J/P	JACK/PLUG DESCRIPTION
J3	ECONOMIZER BYPASS
J18	EXHAUST FAN
J62	A2 RETURN AIR SENSOR
J63	RT1 DISCH AIR SENSOR
J99	RT16 RETURN AIR SENSOR
J100	RT6 SUPPLY AIR SENSOR
J250	SMOKE DETECTOR ONE
J251	SMOKE DETECTOR ONE
J252	SMOKE DETECTOR TWO
J253	SMOKE DETECTOR TWO
J255	MODULE, CONTROL SMOKE DETECTION
J261	SUPPLY SMOKE DETECTOR JUMPER
J262	ECONOMIZER
J264	BLOWER DECK
J265	CONTACTORS AND RELAYS
J297	THERMOSTAT - DDC INTERFACE
J298	IAQ INTERFACE
J299	SAFETY INTERFACE
J305	SAFETY RELAY INTERFACE

DENOTES OPTIONAL COMPONENTS
 CLASS II FIELD WIRING

P298-8 IS SERVICE RELAY OUTPUT (24VAC) IF USED CONNECT TO AN INDICATOR LIGHT OR RELAY MAX 4VA

FOR MOTORS WITH S42 AND S135 EXTERNAL OVERLOAD WITH A55 (M2 UNIT CONTROLLER)

DO 7 USED ON UNITS WITH HUMIDITROL TO POWER EXHAUST FANS. DO 6 PROVIDES POWER TO K65 ON UNITS WITH NO HUMIDITROL

REMOTE LOCATION OF RT6

S135 AND S42 HOOKUP FOR UNITS LESS INVERTER, SEE INVERTER WITH BYPASSING FOR S42 HOOKUP

242-360H UNITS: K65 IS USED WITH EXHAUST FANS, K205 IS USED WITH EXHAUST BLOWERS (D-BOX)

K199 AND K201 USED ON 420-600S (E-BOX) UNITS ONLY

ON UNITS WITH HUMIDITROL DO 6 PROVIDES INPUT TO INITIATE HUMIDITROL

M2 SETTINGS MUST BE MODIFIED WHEN A42, S42, S52, S135 OR S149 ARE INSTALLED

USED ON 156-300S (C-BOX) UNITS ONLY; REFER TO DETAIL

CONNECT A172 SENSOR TO J261 ON SUPPLY AIR SMOKE DETECTOR ONLY

S179 OVERFLOW SWITCH USED ON LGH/LCH 420-600S (E-BOX) UNITS ONLY

P3/J3 OPTIONAL FOR SOME FIELD INSTALLED ECONOMIZERS, SEE INSTRUCTIONS 508079-01

2020/06		ENERGENCE	06/20
		WIRING DIAGRAM	
537186-03			
ACCESSORIES			
CONTROL FOR ENERGENCE™ SERIES RTM 2.0 AUTOMATED LOGIC FOR TARGET			
SECTION C			REV 0
Supersedes	New Form No.		
537186-02	537186-03		