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SYMBIO 700
(UC)

CONDUCTOR POSITION	CONDUCTOR COLOR TABLE: CONDUCTOR BASE COLOR	CONDUCTOR TRACER COLOR
1	BLACK	
2	RED	
3	BLUE	
4	ORANGE	
5	YELLOW	
6	BROWN	
7	RED	BLACK
8	BLUE	BLACK
9	ORANGE	BLACK
10	YELLOW	BLACK
11	BROWN	BLACK
12	BLACK	RED
13	BLUE	RED
14	ORANGE	RED
15	YELLOW	RED
16	BROWN	RED
17	BLACK	BLUE
18	RED	BLUE
19	ORANGE	BLUE
20	YELLOW	BLUE
21	BROWN	BLUE
22	BLACK	ORANGE
23	RED	ORANGE
24	BLUE	ORANGE
25	YELLOW	ORANGE
26	BROWN	ORANGE

NOTES: (SEE SHEET 1 FOR STANDARD NOTES 1-3 & WIRE COLOR TABLE)

1. ALL FIELD WIRING REPRESENTED BY DASHED LINES SHALL BE CLASS 2.
2. TO SHUT DOWN UNIT FOR EMERGENCY STOP, CONNECT FIELD SUPPLIED CONTROL DEVICE ACROSS PINS 1 & 2. UNIT STOPS WHEN SWITCH CLOSES.
3. DISCHARGE TEMPERATURE SENSOR (DTS1) STANDARD ON ALL GAS HEAT UNITS. DTS1 IS ALSO REQUIRED ON COOLING ONLY UNITS WITH SZVAV, MZVAV, ECONOMIZER, HOT GAS REHEAT.
4. WIRING SHOWN FOR HOT GAS REHEAT PROJECTS.
5. WIRING SHOWN FOR UNITS WITH UNIT MOUNTED DISCHARGE TEMPERATURE SENSOR. SEE INSET A FOR UNITS WITH REMOTE DUCT MOUNTED DISCHARGE TEMPERATURE SENSOR.

	LEGEND: DESCRIPTION	
REF DES		LINE NO
DTS1	SENSOR-DISCHARGE TEMPERATURE UNIT MOUNTED	129
DTS2	SENSOR-DISCHARGE TEMPERATURE DUCT MOUNTED	164
DTS-TB	DISCHARGE TEMPERATURE SENSOR TERMINAL BLOCK	160
FOS	SWITCH- FROSTAT	129
LCI	MODULE-LCI	129
LPC1	SWITCH - LOW PRESSURE 1	157
OAS	SENSOR - OUTDOOR AIR	129
SHS	SENSOR - SPACE HUMIDITY	177
UC	MODULE - UNIT CONTROLLER	143

SYMBOL LEGEND					
TRANE WIRING:	CUSTOMER PROVIDED:	EARTH GROUND:	SPLICE:	MULTIPLE WIRE SYMBOL:	SHIELDED CABLE:
FIELD WIRING:	ALTERNATE/OPTIONS:	EQUIPMENT CHASSIS:	JUNCTION:	TWISTED CONDUCTORS:	LINE BREAK:

TRANE ®
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PRECEDENT
UNIT SCHEMATIC; SHEET 3, CONTROLS
SYMBIO 700

DESIGNER:	ENGINEER:	NUMBER:	TRANE © DATE:	REV	SHEET
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