

# tekmar® - Job Record

## tekmarNet®4 Thermostat 542



**J542**

08/09

Thermostat Label \_\_\_\_\_ Zone Name \_\_\_\_\_

Network Address (Bus:Unit) \_\_\_\_\_ Heat Schedule No. \_\_\_\_\_ Master or Member

Model No. 542 - 1H \_\_\_\_\_ Cool Group No. \_\_\_\_\_

Connected to Zone Manager / Zone \_\_\_\_\_

Auxiliary Sensor	S1	S2
tekmar Model No.		
Location		

**Dip Switch Settings** (circle/fill-in the correct setting)

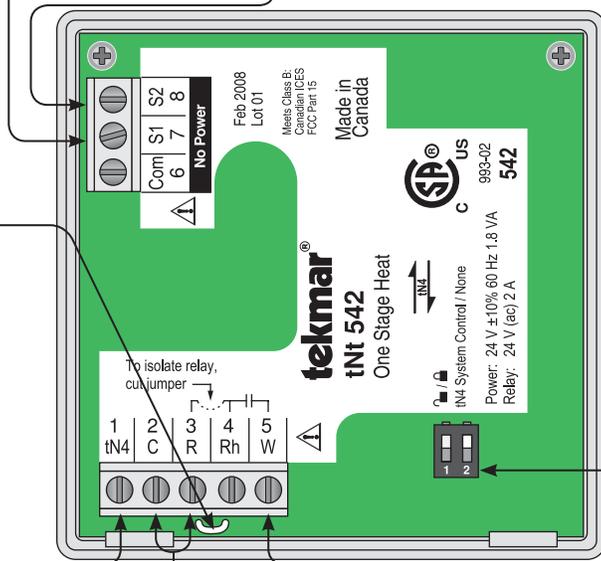
Lock   ← None

Unlock   ← tN4 System Control

1 2

**Factory installed Jumper R - Rh (terminal 3 to 4)**

To isolate Rh - W contact, cut jumper and provide separate power supply to Rh terminal 4



Wiring Colors:	
R	Red
C	Black
tN4	Blue
Rh	(Jumper)
W	White
S1	White
S2	White
Com	Black x 2

Communication/Power	tN4	24 Volt (C, R)	Relays	Heat (Rh-W)
Source			Source	
Location			Location	

### Adjust Menu Settings:

Item	Setting
MODE OF OPERATION	
<b>SET HEAT</b>	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
→ AWAY	
<b>FLOOR MINIMUM</b>	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
FLOOR MAXIMUM	

Item	Setting
SENSOR 1	
SENSOR 2	
ROOM SENSOR	
HEAT CYCLES PER HOUR	
HEAT 1 TERMINAL	
HEAT 1 PUMP	
HEAT 1 DELAY	
COOL GROUP MEMBER	
WARM WEATHER SHUT DOWN	
WWSD OCCUPIED AND WAKE	
WWSD UNOCCUPIED AND SLEEP	
OPTIMUM START / STOP	

## Scene Menu Settings:

Item	Setting
AWAY HOLD	
SET PERMANENT 1	
SET PERMANENT 4	
SET PERMANENT 5	

Item	Setting
SET TEMPORARY 7	
SET TEMPORARY 8	
TEMPORARY ZONE HOLD	
SCENE MENU	

## Schedule Menu Settings:

Item	Setting
HEAT SCHEDULE	
SCHEDULE TYPE	
SCHEDULE MODE	
ALL DAYS OF THE WEEK:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
MONDAY THROUGH FRIDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
SATURDAY AND SUNDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
SATURDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
SUNDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	

Item	Setting
MONDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
TUESDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
WEDNESDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
THURSDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
FRIDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	

## Miscellaneous Menu Settings:

Item	Setting
ACCESS LEVEL	
UNITS	
BACKLIGHT	
OFFSET	

Item	Setting
COPY SETTINGS	
NUMBER OF DEVICES	
ADDRESS	
TYPE (SOFTWARE)	

Blank job records can be downloaded from the tekmar website at <http://www.tekmarcontrols.com>



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