



— Factory Piping  
 - - - Field Piping By Others

164N - No Xformer  
 164A - 120 / 24  
 164C - 277 / 24  
 164F - 240 / 24

Controller/Actuator-CSP-4702, 24 Vac, 4 VA  
 Thermostat-CTE-5202  
 SPDT Relays - #9400-14Q1561 or Equiv. (01EC-2309)  
 C/O STAT T6031A-1029  
 6-Pole Terminal Block - 01EC-2023

WARNING: 24V circuit is dedicated. Do not add or connect other items.

Electric Heater

THCD164-MW-SCR

(CDS) ATU\CONTROL DIAGRAMS\ANALOG\

# Control Wiring Diagram

Auto Morning Warm-Up  
 Cooling With SCR Controlled Heat

Unless Otherwise Specified:  
 1. Dimensions Are In Inches.  
 2. Tolerances Are:  
 Fractions Decimals Angles  
 $\pm .X = .1$   
 $\pm 1/32 \quad \pm .XX = .02 \quad \pm 1^\circ$   
 $\pm .XXX = .010$

N/A	D	Removed logo	7/7/21	CG
N/A	C	UPDATED TO NEW FORMAT	08/14/17	RML
N/A	B	Rev. Stat & Controller	03/16	DSG
N/A	A	Revised SCR Wiring	3/5/13	DSG
ECN. No.	Rev	Description	Date	Rev'd By:

DWN. BY	DSG	DATE	8/20/08	DWG. NO.	THCD164_MW_SCR	REV.	D
CHK'D BY	DSG	SCALE	NTS				