

N5

White Light Display PID Temperature Controller

TC5 Series

Manual Instructions

Pls read the following safety considerations before use

□ Safety Considerations

※ Please observe all safety considerations for safe and proper product operations to avoid hazards.

※ Safety considerations are categorized as follows.

⚠️ Warning Failure to follow these instructions may result in serious injury or death.

⚠ Caution Failure to follow these instructions may result in personal injury or product damage.

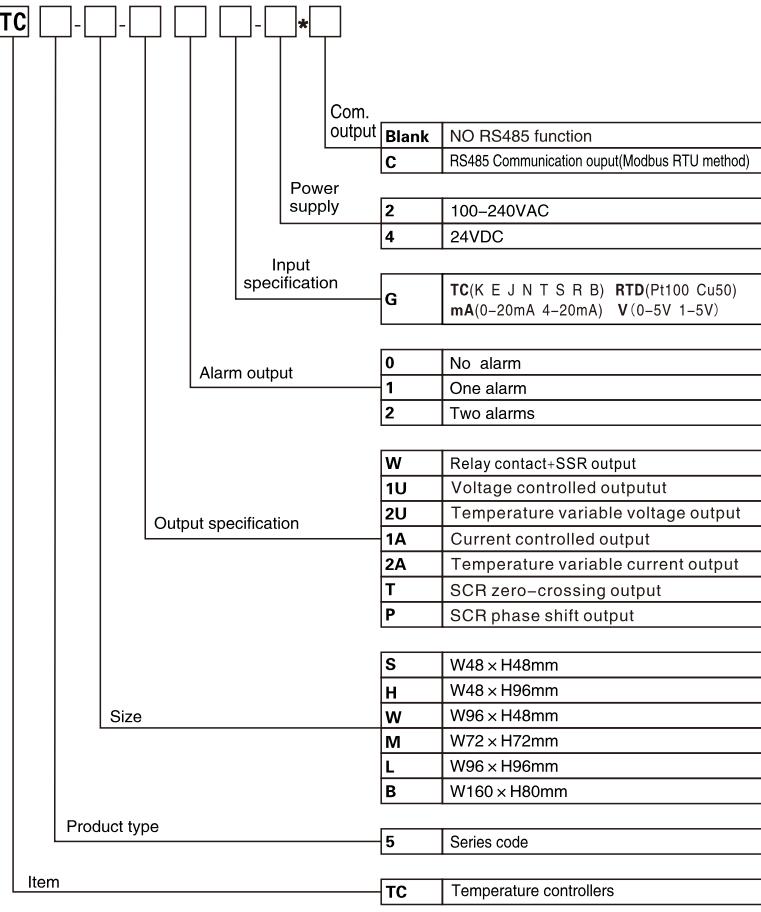
⚠ Warning

- 1. Fail-safe device must be installed when using the unit with machinery that may cause serious injury or substantial economic loss.(e.g.nuclear power control, medical equipment,ships,vehicles,railways, aircraft,combustion apparatus,safety equipment,crime/disaster prevention devices,etc.)**
Failure to follow this instruction may result in personal injury,fire,or economic loss.
- 2. The unit must be installed on a device panel before use.**
Failure to follow this instruction may result in electric shock.
- 3. Do not connect,repair,or inspect the unit while connected to a power source.**
Failure to follow this instruction may result in electric shock.
- 4. Check the terminal numbers before connecting the power source.**
Failure to follow this instruction may result in fire.
- 5. Do not disassemble or modify the unit,Please contact us if necessary.**
Failure to follow this instruction may result in electric shock or fire.

⚠ Caution

- 1. Do not use the unit outdoors.**
Failure to follow this instruction may result in shorten the life cycle of the unit,or electric shock.
- 2. When connecting the power input and relay output cables,use AWG20(0.50mm²)cables and make sure to tighten the terminal screw bolt above 0.74N.m to 0.90N.m.**
Failure to follow this instruction may result in fire due to contact failure.
- 3. Use the unit within the rated specifications.**
Failure to follow this instruction may result in shorten the life cycle of the unit or fire.
- 4. Do not use loads beyond the rated switching capacity of the relay contact.**
Failure to follow this instruction may result in insulation failure,contact melt,contact failure,relay broken or fire.
- 5. Do not use water or oil-based detergent when cleaning the unit.Use dry cloth to clean the unit.**
Failure to follow this instruction may result in electric shock or fire.
- 6. Do not use the unit where flammable or explosive gas,humidity,direct sunlight,radiant heat, vibration,or impact may be present.**
Failure to follow this instruction may result in fire or explosion.
- 7. Keep dust and wire residue from flowing into the unit.**
Failure to follow this instruction may result in fire or product damage.
- 8. Check the polarity of the measurement input contact before wiring the temperature sensor.**
Failure to follow this instruction may result in fire or explosion.
- 9. For installing the unit with reinforced insulation,use the power supply unit which basic level is ensured.**

□ Model composition



□ Specifications

□ Dimensions

