SH-3010

Features and functions:

◆The controller is suitable for medium and low temperature cold storage and heating equipment temperature control.
◆With temperature measurement, display, control; temperature correction;
temperature over-temperature and sensor fault alarm;
◆Factory setting one-key recovery; can preset a group of parameters and one-key recovery;
◆Using the touch button and has a key lock function.

Specification:

◆Product size:78.5*34.5*82mm
◆Installation size:71*29mm

Technical parameters:

◆Temperature measuring range:-40℃~99℃
◆Temperature controlling range:-40℃~85℃
◆Accuracy:±1℃ at(-30℃~50℃);±2℃ at other range
◆Resolution: 0.1℃
◆Relay capacity:10A/220VAC
◆Power supply: 220VAC ±10%,50/60Hz
◆Ambient temperature: -5℃~60℃
◆Probe type: NTC(10KΩ/25℃,B value3435K)

| Touch screen | Refrigeration | Heating | Alarm | Temperature calibration | 1NTC |

SH-3030

Features and functions:

◆This controller is suitable for temperature control of the middle and low temperature cold storage;
◆It could measure,display,control temperature,with the function of temp. calibration,forced defrost,over temp.
alarm and sensor failure alarm,one key recovery of factory default value,parameters preset and one key recovery;
◆It adopts touch key design with the key lock function;
◆Two way sensor inputs:cabinet temperature sensor and defrost
temperature sensor.Three way control output:Refrigeration,defrost and fan.

Specification:

◆Product size:78.5*34.5*82mm
◆Installation size:71*29mm

Technical parameters:

◆Temperature measuring range:-40℃~99℃
◆Temperature controlling range:-40℃~85℃
◆Accuracy:±1℃ at(-30℃~50℃);±2℃ at other range
◆Resolution: 0.1℃
◆Power consumption:<5W
◆Output capacity:Refrigeration:10A/220VAC Defrost:10A/220VAC Fan:10A/220VAC
◆Power supply: 220VAC ±10%,50/60Hz
◆Ambient temperature: -5℃~60℃
◆Probe type: NTC(10KΩ/25℃,B value3435K)
◆Sensor length:2M

| Touch screen | Refrigeration | Defrost | Alarm | Fan | Temperature calibration | 2NTC |

05

JDC–101

Features and functions:

◆ This product is refrigerating,heating,alarm output mode conversion function,temperature control use the way of return difference;

◆ The user parameters and managers parameters set respectively,and has the compressor delay adjustable,temperature correction,fault alarm,sensor faults according to preset programs running after compressor etc.;

◆ Is a universal performance,high performance,used in refrigeration,seafood machine,water heaters and equipment and the place of simple control mild alarm product.

Specification:

◆Product size:77*34.5*65.5mm

◆Installation size:70.5*28.5mm

Technical parameters:

◆Power supply:220VAC±10%

◆Power consumption:≤3W

◆Temperature measuring range:-50℃~99℃

◆Resolution: 1℃

◆Accuracy:±1℃

◆Relay contacts capacity:10A/250VAC

◆Working environment temperature:-30℃~80℃

Refrigeration　Heating　Alarm　Temperature calibration　1NTC

STC–100A

Features and functions:

◆Switch the modes between heating and refrigerating;

◆Controlling the temperature by adjusting both the temperature; setting value and difference value;

◆Delay protection when refrigerating and heating starts;

◆Limit the temperature setting range;

◆Calibrate the temperature;

◆Alarm when sensor error.

Specification:

◆Product size:77*34.5*62mm

◆Installation size:71*29mm

Technical parameters:

◆Power supply:220VAC±10%/-15%,50/60Hz

◆Power consumption:≤3W

◆Temperature measuring range:-40℃~99℃

◆Temperature controlling range:-40℃~99℃

◆Resolution: 1℃

◆Accuracy:±1℃,±0.5digit

◆Relay output capacity:10A(0.5HP)/220VAC

◆Delay time when sensor error:1 min

◆Sensor type:NTC sensor

◆Safety level of the front panel:IP54

Refrigeration　Heating　Delay　Temperature calibration　1NTC

Temperature Controller Series

STC–200

Features and functions:
◆ Adopt manual switches among refrigeration,heating and alarm,differential to control temperature;
◆ User and administrator parameter setting separately,compressor delay time adjustable,temperature calibration,alarm when error,Compressor works as per the scheduled procedure when sensor error;
◆ All-purpose model with high performance versus price ratio;
◆ It is suitable for refrigeration and deep freeze,seafood machine,water heater and products which need simple temperature monitoring and alarm.

Specification:
◆ Product size:77*34.5*65.5mm
◆ Installation size:70.5*28.5mm

Technical parameters:
◆ Temperature measuring range:-40℃~99℃
◆ Temperature controlling range:-40℃~70℃
◆ Operating ambient temperature:-5℃~60℃
◆ Stored temperature:-30℃~85℃
◆ Relative humidity:20%~60%(No condensate)
◆ Power supply:220VAC±10%(12V±10% optional)
◆ Resolution:1℃
◆ Accuracy:±1℃

Refrigeration　Heating　Alarm　Temperature calibration　1NTC

STC–300

Features and functions:
◆ This product is a universal single sensor temperature controller,it has the functions of refrigeration,temperature overrun alarm,etc;
◆ Compressor protection delay time can adjust;
◆ After electrify temperature overrun alarm delay is adjustable;
◆ It is suitable for cold storage,refrigerated truck refrigeration industry,etc.

Specification:
◆ Product size:75*34.5*85mm
◆ Installation size:71*29mm

Technical parameters:
◆ Power supply:220VAC±10%,50/60Hz
◆ Power consumption:≤3W
◆ Temperature measuring range:-50℃~120℃
◆ Resolution:0.1℃
◆ Accuracy:±1℃
◆ Relay contacts capacity:10A/220VAC
◆ Operation temperature:0℃~60℃

Refrigeration　Alarm　Temperature calibration　1NTC

STC–1000

Features and functions:

◆ Switch the modes between cool and heat;
◆ Control temperature by setting the temperature setting value and the difference value;
◆ Temperature calibration;
◆ Refrigeration control output delay protection;
◆ Alarm when temperature exceeds temperature limit or when sensor error.

Specification:

◆ Product size:75*34.5*85mm
◆ Installation size:71*29mm

Technical parameters:

◆ Temperature measuring range:-50℃~99℃
◆ Operating ambient temperature:0℃~60℃
◆ Stored temperature:-30℃~75℃
◆ Relative humidity:20%~85%(No condensate)
◆ Power supply:220VAC±10%,50/60Hz
◆ Power consumption:<3W
◆ Resolution:1℃
◆ Accuracy:±1℃

Refrigeration   Heating   Alarm   Temperature calibration   1NTC

STC–8000H

Features and functions:

◆ STC-8000H is a universal single-sensor temperature controller,with refrigeration,exceeding temperature limit alarm functions;
◆ Compressor delay time adjustable,after electrified exceeding temp.limit alarm delay adjustable;
◆ Suitable for refrigerant industries such as refrigerator,refrigerator car,etc.

Specification:

◆ Product size:75*34.5*85mm
◆ Installation size:71*29mm

Technical parameters:

◆ Power supply:220VAC±10%/-15%,50/60Hz
◆ Temperature measuring range: - 50℃~99℃
◆ Resolution: 1℃
◆ Refrigeration output contact capacity:10A/277VAC
◆ Sensor error delay time:1min
◆ Safe level:IP65
◆ Operation humidity:20%~85%(no condensate)
◆ Power consumption:≤3W
◆ Temperature controlling range:-40℃~50℃
◆ Accuracy:-50℃~70℃,±1℃, ±2℃ at others,can drive single

Refrigeration   Delay   Temperature calibration   1NTC

STC–8080A+

Features and functions:
◆ This product is a universal single sensor temperature controller;
◆ Refrigeration, defrost, transfinite alarm temperature, etc;
◆ Compressor protection delay time is adjustable;
◆ Suitable for cold storage, refrigerated truck refrigeration industry, etc.

Specification:
◆ Product size:75*34.5*85mm
◆ Installation size:71*29mm

Technical parameters:
◆ Runtime environment temperature: 0℃~60℃
◆ Relative humidity: no more than 80%(No condensation)
◆ Power supply:220VAC±10%,50/60Hz
◆ Power consumption:<3W
◆ Temperature measuring range: -50℃~99℃
◆ Resolution: 1℃
◆ Accuracy::±1℃

Refrigeration　Defrost　Delay　Temperature calibration　1NTC

STC–8080H

Features and functions:
◆ This product is a universal single sensor temperature controller;
◆ Refrigeration, defrost, transfinite alarm temperature, etc;
◆ Compressor protection delay time is adjustable;
◆ Suitable for cold storage, refrigerated truck refrigeration industry, etc.

Specification:
◆ Product size:75*34.5*85mm
◆ Installation size:71*29mm

Technical parameters:
◆ Runtime environment temperature: 0℃~60℃
◆ Relative humidity: no more than 80% (No condensation)
◆ Power supply:220VAC±10%,50/60Hz
◆ Power consumption:<3W
◆ Temperature measuring range: -50℃~99℃
◆ Resolution: 1℃
◆ Accuracy:±1℃

Refrigeration　Defrost　Delay　Temperature calibration　1NTC

STC–9100

Features and functions:

◆ Multi-control modes among refrigeration,defrost,etc;
◆ User menu and administrator menu can be set separately.Not only converient for user operation,but also left enough space for the adjustment of high-level management;
◆ Differential control mode,and the resolution of temperature display is 0.1;
◆ Multi-protection and alarm modes optional.

Specification:

◆Product size:75*34.5*85mm
◆Installation size:71*29mm

Technical parameters:

◆Temperature measuring range:-50℃~50℃
◆Power supply:220VAC,50Hz
◆Power consumption:<5W
◆Ambient temperature:0℃~60℃
◆Relative humidity:20%-85%(No condensate)
◆Accuracy:±1℃
◆Relay capacity of compressor:8A/220VAC
◆Relay capacity of alarm and defrost:8A/220VAC

| Refrigeration | Defrost | Alarm | Temperature calibration | 2NTC |

STC–9200

Features and functions:

◆ Multi-control modes among refrigeration,defrost and fan;
◆ User menu and administrator menu can be set separately.Not only converient for user operation,but also left enough space for the adjustment of high-level management;
◆ Differential control mode,and the resolution of temperature display is 0.1;
◆ Multi-protection and alarm modes optional.

Specification:

◆Product size:75*34.5*85mm
◆Installation size:71*29mm

Technical parameters:

◆Temperature measuring range:-50℃~50℃
◆Power supply:220VAC,50Hz
◆Power consumption:<5W
◆Ambient temperature:0℃~60℃
◆Relative humidity:20%-85%(No condensate)
◆Accuracy:±1℃
◆Relay capacity of compressor:8A/220VAC
◆Relay capacity of alarm and defrost:8A/220VAC
◆Digital display:Three-digit LED+Minus digit+Status indicator light

| Refrigeration | Defrost | Alarm | Fan | Temperature calibration | 2NTC |

ETC–961

Features and functions:
◆ Refrigeration and defrosting function;
◆ Return differential control,temperature display resolution 0.1℃;
◆ Multi alarm function.

Specification:
◆ Product size:77*32*58mm
◆ Installation size:71*29mm

Technical parameters:
◆ Temperature measuring range:-50℃~120℃
◆ Power supply: 230VAC +10%,50/60Hz
◆ Relay (Compressor,Defrost,Fan) capacity:10A/250VAC
◆ Digit display:3 digits display minus digit + status indicators
  (setting, refrigeration, defrost, alarm)
◆ Ambient temperature: -5℃~50℃
◆ Relative humidity:10%~90%RH(not condensing)
◆ Probe type: NTC(-50~120℃) PTC(-50~120℃)

ETC-961

Refrigeration | Defrost | Alarm | Temperature calibration | 1NTC

ETC–974

Features and functions:
◆ Refrigeration,defrosting, multi modes fan controlling optional;
◆ Return differential control,temperature display resolution 0.1℃;
◆ Multi alarm function.

Specification:
◆ Product size:77*32*58mm
◆ Installation size:71*29mm

Technical parameters:
◆ Temperature measuring range:-50℃~120℃
◆ Power supply: 230VAC +10%,50/60Hz
◆ Relay (Compressor,Defrost,Fan) capacity:10A/230VAC
◆ Digit display:3 digits display minus digit + status indicators
  (setting, refrigeration, defrost, alarm)
◆ Ambient temperature: -5℃~50℃
◆ Relative humidity:10%~90%RH(not condensing)
◆ Probe type: NTC(-50~120℃) PTC(-50~120℃)

ETC-974

Refrigeration | Defrost | Fan | Alarm | Temperature calibration | 2NTC

ETC–100+

Features and functions:
◆ Temperature measurement and control;
◆ Temperature calibration;
◆ Start-up delay protection;
◆ Input password to adjust parameter.

Specification:
◆ Product size:75*34.5*85mm
◆ Installation size:71*29mm

Technical parameters:
◆ Power supply voltage:220VAC±10%,50/60Hz
◆ Power supply:<3W
◆ Temperature measuring range:-40℃~120℃
◆ Temperature controlling range:-40℃~120℃
◆ Resolution:0.1℃ at(-40℃~99.9℃);1℃ in other range
◆ Accuracy:±1℃ at(-40℃~70℃);<less than ±2℃ at other range
◆ Relay contact capacity:10A/220VAC,the max load it can drive is 0.5HP/220VAC
◆ Sensor type:NTC sensor(10KΩ/25℃,B value 3435K)

Refrigeration | Delay | Temperature calibration | 1NTC

ETC–200+

Features and functions:
◆ Temperature measurement and control;
◆ Defrost control;
◆ Temperature calibration;
◆ Start-up delay protection;
◆ Alarm when exceeding temp.limit;
◆ Switch between refrigeration and heating.

Specification:
◆ Product size:75*34.5*85mm
◆ Installation size:71*29mm

Technical parameters:
◆ Power supply voltage:220VAC±10%,50/60Hz
◆ Power supply:<3W
◆ Temperature measuring range:-40℃~120℃
◆ Temperature controlling range:-40℃~120℃
◆ Resolution:0.1℃ at(-40℃~99.9℃);1℃ in other range
◆ Accuracy:±1℃ at(-40℃~70℃);<less than ±2℃ at other range
◆ Relay contact capacity:Refrigeration:10A/220VAC,the max load it can drive is 0.5HP/220VAC Defrost:10A/220VAC
◆ Sensor type:NTC sensor(10KΩ/25℃,B value 3435K)

Refrigeration | Heating | Defrost | Delay | Alarm | Temperature calibration | 1NTC

DHC–100+

Features and functions:

◆ This product used humidity controller, high reliability and excellent long-term stability, etc;

◆ Can be widely used in the humidifying machine, dehumidifier, air humidity;

◆ Adjust the humidity control of machines and other equipment;

◆ Also can be used in the measurement of relative humidity and display.

Specification:

◆Product size:75*34.5*85mm

◆Front panel size:75*34.5mm

◆Installation size:71*29mm

Technical parameters:

◆Power supply voltage:220VAC±10% 50/60Hz

◆Power supply:<3W

◆Range of moisture: 0%RH~99%RH

◆Humidify range:5%RH~99%RH

◆Resolution:0.1%RH

◆Accuracy:±3%RH

◆In sensor drift:<0.5%RH

◆Relay contacts capacity:10A/220VAC

| Humidification | Dehumidification | Anti-interference | Fault protection | 1NTC |