



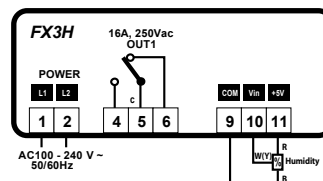
FX3H

Digital Humidity Controller

Humidity



Main-Function	humidification/dehumidification output, high/low alarm output, min. on/off maintaining time setup, selection on/off output when sensor error occurs, sensor correction, sensor error detection, selection of displaying decimal point
Power Supply	AC100~240V, 50/60Hz, Max. 4VA
Input/output	Relay output : 1 point (out1 : 250Vac/16A), Humidity 1~4V, input : 1 point
Sensor Spec	HTX20-FTS-502 (Voltage output type humidity sensor), HTX3515
Models	FX3H-00 : Basic model



OUT1: Dehumidification/Humidification
#1 ON/OFF output
COM : Signal input common terminal
Vin : Humidity sensor input
+5V : Power Supply for humidity sensor (5Vdc)

FX3DH

Digital Temp. & Humidity Controller

NTC

Heating

Cooling

Thermostat

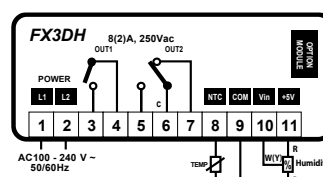
Humidity

4~20mA

Retrans



Main-Function	humidification(heating), dehumidification(cooling) output, high/low alarm output, min. on/off maintaining time setup, selection on/off output when sensor error occurs, sensor correction, sensor error detection, relay output manual control, transmission output, RS485 communication (MODBUS)
Power Supply	AC100~240V, 50/60Hz, Max. 4VA
Input/output	Relay output : 2 point (out1,2 : 250Vac/8(2)A), Humidity 1~4V, power input : 1 point
Sensor Spec	HTX20-FTS-502 (Voltage output type humidity sensor), HTX3515
Models	FX3DH-00 : Basic model FX3DH-R4 : Add on RS485 communication (MODBUS) FX3DH-A1 : Add on 4~20mA transmission output FX3DH-R2 : Add on RS232 communication



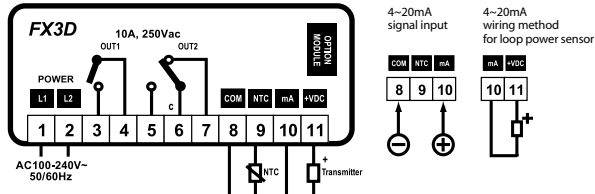
OUT1 : Humidification/dehumidification
#1 ON/OFF output
OUT2 : Humidification/dehumidification
#2 ON/OFF output
COM : Signal input common terminal
Vin : Humidity sensor input
NTC : Temp. sensor input
+5V : Power for humidity sensor (5Vdc)

FX3D

Digital Temperature Controller **NTC** **Heating** **Cooling** **Defrost** **4~20mA** **RS485** **Retrans**


OUT1 : Heating/cooling output
OUT2 : Heating/cooling output
- Timer output
- Sensor error detection alarm output
- Heater defrost output
- Hot gas defrost output

Main-Function	Heating/cooling output, independent timer output, high/low alarm output, Defrost output, precise temperature control, sensor correction, sensor error detection, Data backup, min. on/off maintaining time setup, RS485 communication (MODBUS), Auto-output operation cycle settable in case of sensor error, transmission output
Power Supply	AC100~240V, 50/60Hz, Max. 4VA, screw bolt terminals
Input/output	Relay output : 2point (10A), Temp. sensor input : 1 point (NTC) 4~20mA Input : 1 point (including power supply)
Sensor Spec	DPR-TH1 : NTC 5k, $\pm 0.3^{\circ}\text{C}$ at 25°C (-50~105 $^{\circ}\text{C}$) DPR-TH2 : NTC 10k, $\pm 0.3^{\circ}\text{C}$ at 25°C (-50~150 $^{\circ}\text{C}$)
Models	FX3D-00 : Basic model (DPR-TH1-ET temperature sensor) FX3D-R4 : Add on RS485 communication (MODBUS) FX3D-A1 : Add on 4~20mA transmission output FX3D-R2 : Add on RS232 communication FX3D-A1R4 : Add on 4~20mA transmission output, RS485 communication (MODBUS)

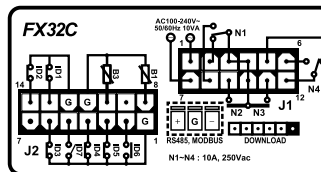


FX32C

Comptector **NTC** **RS485**


ID1 : OCR
ID2 : INT
ID3 : HPS
ID4 : OPS / PMR
ID5 : LPS
ID6 : INTERLOCK
ID7 : RUN/STOP

Main-Function	Total control and detection (protection) for freezers Function of start, restart, pump down, alarm delay timer, discharge gas detection (high & low Temp.), Individual alarm message (OC, HP, LP, OP, INT, etc.), Liquid injection (discharge gas detection), communication (RS485 MODBUS)
Power Supply	AC100~240V, 50/60Hz, Max. 8VA, connector (Molex).
Input/output	Relay output : 4 point, Digital input : 7 point temp. sensor input : 3 point
Models	FX32C-00 : Basic model FX32C-30-R4 : Add on RS485 communication (MODBUS) FX32C-30 : add on gas discharge protection and control FX32C-40 : add on added gas discharge temperature and inside temperature control function



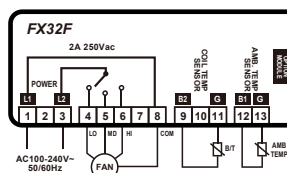
comp : COMP RUN/STOP
sol : SOL V/V ON/STOP
inj : INJECTION SOL
al/aux : Alarm

B1 : AMBIENT TEMP
B2 : SPARE
B3 : DISCHARGE GAS TEMP

FX32F

Fan Coil Unit Controller **NTC** **Heating** **Cooling** **RS485**


Main-Function	3 stage fan speed controllable, 4 kind (stop/high/middle/low) airflow choosable, Unification of temp. control function, Data backup, self-diagnostic, RS485 communication (MODBUS)
Power Supply	AC100~240V, 50/60Hz, Max. 4VA, connector
Input/output	Relay output : 3point (airflow control), Temp. sensor input : 2 point (room & water)
Sensor Spec	DPR-TH1 : NTC 5k, $\pm 0.3^{\circ}\text{C}$ at 25°C (-50~105 $^{\circ}\text{C}$)
Models	FX32F-00 : Basic model FX32F-R4 : Add on RS485 communication (MODBUS)



LO : low wind speed on/off output
MD : medium wind speed on/off output
HI : high wind speed on/off output

G : signal input common terminal
B1 : Ambient temperature sensor input
B2 : coil temperature sensor input