

VISION 2PLT

Electronic control for double system management with the possibility of inserting an environment secondary probe to ensure the proper operation of the system in case of environment main probe failure. Can manage up to two compressors and two evaporators, operating in call rotation mode (for even utilisation) or with a double set-point.

Defrosts can be executed in real time clock mode.

Version with 100Master and remote telephone lead-connected keyboard/display.



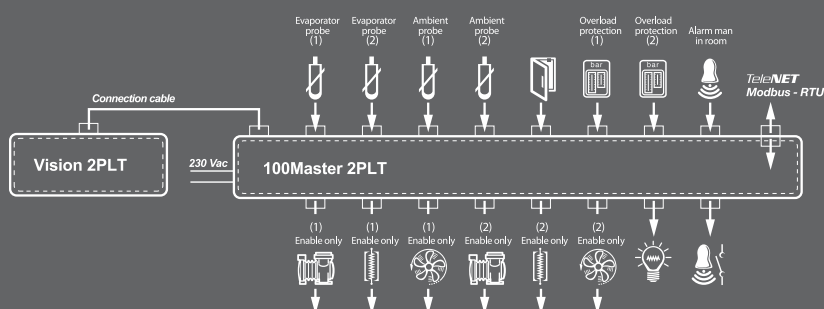
APPLICATIONS

- Low temperature rooms with double safety system.
- Room with single motor condenser unit and double evaporator.

MAIN CHARACTERISTICS

- Single or double environment security probe.
- Single set-point with 2-system control and delayed start of second system, compressor rotation.
- Double set-point for gradual application of refrigeration power.
- Real time clock defrosts with one or two evaporators, each with end-of-defrost sensor.
- Display of ambient temperature, evaporator temperature, systems status.
- The Plus200 2PLT electronic controller allows complete control of all the units on a double-system refrigeration plant.
- Control of up to two compressors, double evaporator (fans and defrost elements) and room light.
- Double evaporator control occurs separately with double end-of-defrost sensor.
- Safety devices for the two systems are separate and room light can be controlled by door switch.
- Alarm relay fitted as standard.

CONNECTION DIAGRAM



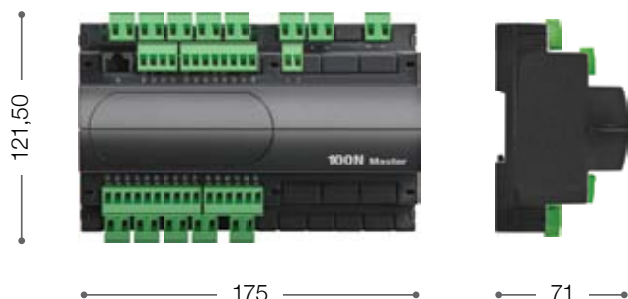


ACCESSORIES AVAILABLE

DOUBLE SYSTEM SINGLE-PHASE VISION SERIES

104 | 105

100N MASTER 2PLT



VISION 2PLT



TECHNICAL CHARACTERISTICS	VISION 2PLT
DIMENSION	100N MASTER: 175 x 121,50 x 71 mm VISION: 158 x 70 x 32 mm
WEIGHT	1 kg
PROTECTION RATING	IP65 (KEYBOARD/DISPLAY)
POWER SUPPLY	230 V AC $\pm 10\%$ 50-60 Hz
LOAD TYPE	SINGLE-PHASE
WORKING TEMPERATURE	-5 \div +50 °C
STORAGE TEMPERATURE	-10 \div +70 °C
RELATIVE AMBIENT HUMIDITY	< 90% RH
RANGE OF READING	-45 \div +99 °C
DEFROSTING	ELECTRICAL
STATUS INDICATORS	DISPLAY LCD (WITH BACKLIGHT)
ALARM SIGNALS	DISPLAY + BUZZER
INPUTS	
AMBIENT PROBE 1	NTC 10 k Ω
AMBIENT PROBE 2	NTC 10 k Ω
EVAPORATOR PROBE 1	NTC 10 k Ω
EVAPORATOR PROBE 2	NTC 10 k Ω
COMPRESSOR PROTECTION 1	PRESENT
COMPRESSOR PROTECTION 2	PRESENT
MAN IN COLD-ROOM ALARM	PRESENT
DOOR SWITCH	PRESENT
OUTPUTS	
COMPRESSOR 1	1500 W (2HP)
COMPRESSOR 2	750 W (1HP)
DEFROST 1	1500 W (AC1)
DEFROST 2	1500 W (AC1)
EVAPORATOR FANS 1	500 W
EVAPORATOR FANS 2	500 W
ROOM LIGHT	800 W (AC1)
ALARM RELAY / AUX	PRESENT
SUPERVISION SYSTEM	TELENET / MODBUS-RTU
ACCESSORIES	
ACCESSORIES AVAILABLE	200CASVIS03

