

PLUS100 PAN

Electronic controller designed for pause-leavening rooms. Work cycles easily programmed via user-friendly interface. Luminous graphics indicate progress of program being executed.



APPLICATIONS

- Cabinets, counters and pause-leavening rooms for small and large bakeries and confectionaries.
- Can replace other pause-leavening controls on existing plants.

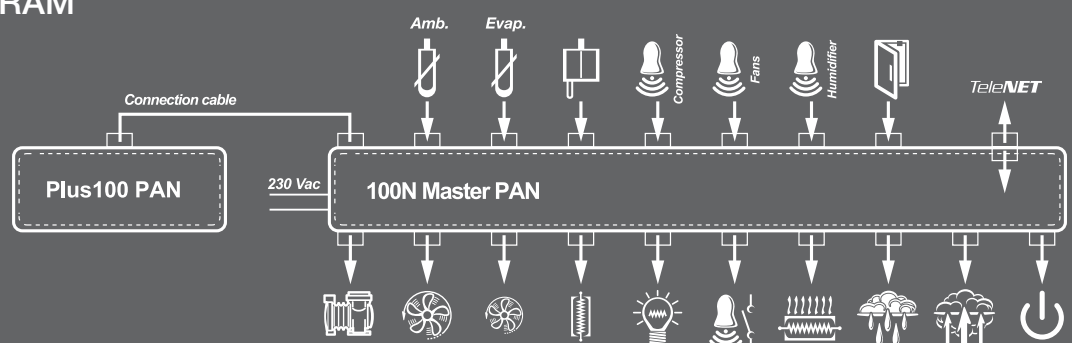
FUNCTIONS

- Neutral-zone temperature and humidity control.
- Programming of four work cycles.
- Double fan speed.
- Hot and cold manual cycles.
- Management of cooling, storage, leavening and product-ready settling phases.
- Clock and calendar to set product-ready time.
- Luminous synoptic display indicating program progress.

MAIN CHARACTERISTICS

- The Plus100 PAN electronic controller consists of the 100N Master PAN unit, on which all the electrical connections are made, and the keyboard/display, which features a large LCD screen providing complete information on room status.
- The overall unit allows control of cold, heat, ventilation, room light, humidification, dehumidification, defrosting and alarms via control of the NTC ambient and evaporator sensors and the 4-20 mA humidity sensor inputs.
- Compressor and fan safety devices, door switch, humidifier alarm.
- Special power boards complete with the Plus100 PAN controller can be supplied according to customer-specified requirements.

CONNECTION DIAGRAM



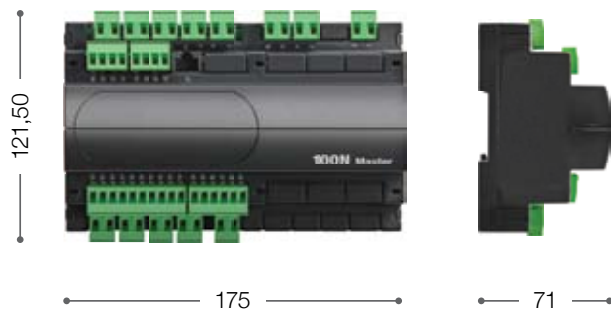


ACCESSORIES
AVAILABLE

PAUSE-LEAVENING SINGLE-PHASE PLUS SERIES

102 | 103

100N MASTER PAN



PLUS100 PAN

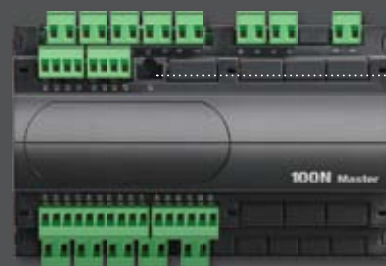


TECHNICAL CHARACTERISTICS	PLUS100 PAN
DIMENSIONS	100N MASTER PAN: 175 x 121,50 x 71 mm PLUS100 PAN: 210 x 110 x 35 mm
WEIGHT	1 kg
PROTECTION RATING	IP55 (KEYBOARD/DISPLAY)
POWER SUPPLY	230 V AC $\pm 10\%$ 50-60 Hz
LOAD TYPE	SINGLE-PHASE
WORKING TEMPERATURE	-5 \div +50 °C
STORAGE TEMPERATURE	-10 \div +70 °C
RELATIVE AMBIENT HUMIDITY	< 90% RH
RANGE OF READING	-45 \div +45°C
STATUS INDICATORS	DISPLAY LCD WITH BACKLIGHT
ALARM SIGNALS	DISPLAY + BUZZER
INPUTS	
AMBIENT PROBE	NTC 10 k Ω
EVAPORATOR PROBE	NTC 10 k Ω
HUMIDITY PROBE	4 \div 20 mA (0 \div 100% RH)
COMPRESSORS PROTECTION	PRESENT
FANS PROTECTION	PRESENT
HUMIDIFIERS ALARM	PRESENT
DOOR SWITCH	PRESENT
OUTPUTS	
COMPRESSOR	1500 W (2HP)
CONDENSER FANS (DOUBLE SPEED)	500 W
DEFROSTING HEATERS	1500 W (AC1)
HOT HEATERS	1500 W
ENABLE HUMIDIFIERS	500 W
ENABLE DEHUMIDIFIERS	500 W
ROOM LIGHT	800 W (AC1)
ALARM RELAY	PRESENT
STAND-BY CONTROL	500 W
SUPERVISION SYSTEM	TELENET
ACCESSORIES	
ACCESSORIES AVAILABLE	SONEE16F6A21

PLUS100 PAN



100N MASTER PAN



PHONE LEAD