

Temperature controller for industrial static and ventilated units.

TOPFOOD is particularly suitable for all fields of refrigeration in particular for the pralines and pastries that require humidity control.

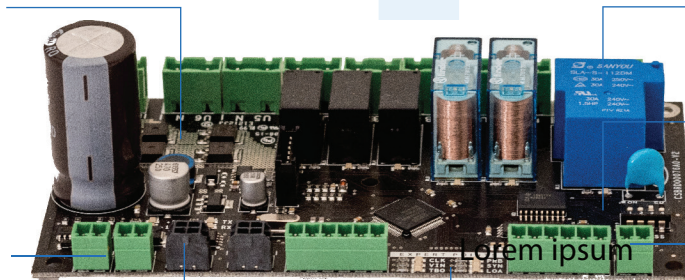
The safety functions raise the reliability of the thermostat-refrigerators.

Compatible with D1 - D2 - D3 - D4 displays.

POWER SUPPLY  
VOLTAGE SENSOR

ELECTRIC-KEY AND  
LED BAR DRIVERS

CANBUS  
PORT



N°3 DIGITAL  
INPUTS

N°3 INTC  
PROBE INPUTS

N°6 RELAIS FINISH  
CHEMISTRY ON CONTACTS  
FOR INDUCTIVE LOADS

TEMPERATURE  
BOARD SENSOR

4-20mA  
INPUT

LED SIGNALS  
EXPERT POINTS

## FUNCTIONS

- Range of thermostat control [-30...+10]°C
- NTC thermostat, evaporator and condenser probe
- Digital input for door switch
- Hot gas or electric defrost
- Defrost timer, at compressor hours, RTC, automatic
- Programmable ecomode function
- Humidity controls
- Driver speed fan condenser in option
- Connection to Atex Pro Cloud through bridge modules

## SAFETY

- Bus communication protocol for high immunity to electrical interference
- Transfer of adjustment to evaporator probe in case of thermostat probe failure
- Notice of high temperature board
- Notice of high or low voltage
- Reading of switching relays indicating the percentage of wear
- Operation control through led on the board

## TECHNICAL DATA

Inputs	N°3 NTC [-49.9...+99.9]°C N°3 Digital N°1 4-20mA for humidity probe
Relays outputs	30-16-16-5-5-5 A
Drivers	Electric key Led bar (max 25W)
Ports	2 x Canbus
Power supply	12Vac - 50/60Hz
Dimensions	156x87x40 mm
Control logic	One microcontroller
Sensors	Power supply voltage Board temperature

## CODES

With din bar support: BT92201000  
Without box: BT92201100