AT1-5

77 x 35 x 77 mm

Refrigeration
Controller
for HT applications

Main Features

- Selectable Refrigerating or Heating control
- Integrated defrost functions
- Runs on mains power supply
- Direct compressor control through high power 16(4)A or 16(8)A relay
- Selectable NTC10K or PTC probe input
- Auxiliary output configurable in four different operation modes
- Temperature, door open alarms
- Optional light control button
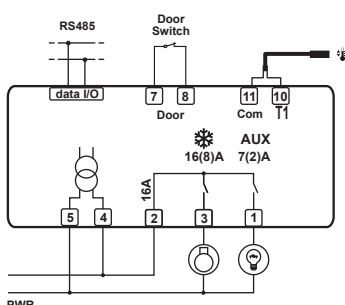- Connectivity to LAE supervisory systems
- UL approved

Applications

Freestanding upright cabinets and counters, cold stores, plug-in display cases, control panels, heated cabinets.

Series AT1-5

Functions		AS5E-G	BS2E-BG	BS6E-AL
Inputs	Thermostat	●	●	●
	Evaporator		●	●
	Door switch		●	●
Outputs	Thermostat 16(4)A		●	
	Thermostat 16(8)A	●		●
	Auxiliary 7(2)A		●	●
Power supply	230Vac	●	●	●
Serial port	TTL			●
	RS-485		●	
Kaypad	Generic	●	●	
	With light button			●

❯ Models with removable screw terminal blocks are available. In this case, the letter "S" of code changes in "Q", ex. AT1-5BQ2E-BG.
❯ All models come with an alarm buzzer.
❯ Versions with 110V power supply are available.
❯ On request, the AT1-5 is also available with gasket for a better protection between bezel and metal panel.
❯ **In order to know more options available for the models, please consult LAE or our local dealer.**

AT1-5AS6E-BG

Technical Data	
Control range	-50÷120°C
Resolution	0.1 / 1 °C; °F
Accuracy	NTC10K: <±0.3°C (-40.0÷70.0°C) PTC1000: <±0.5°C (-50÷120°C)
Sensor type	selectable NTC10K standard mod. SN4B20P1/P2 or PTC1000
Power supply	230V~ ±10% 50÷60Hz 3W
Front protection	IP55
Panel cut-out	71 x 29 mm (WxH)
Ambient temperature	-10÷50°C