Electronic Refrigeration Control - Refrigeration Controller, 2 NTC/PTC Sensors, 1 Digital Input, 115 VAC, Screw Terminals, RS485

Item AT2-5BS4U-BGI



PRODUCT DESCRIPTION

Panel-Mount Controllers are compact and capable and provide excellent control options in a small package. These models are economical solutions for medium-temperature and low-temperature refrigerated cases, as well as standalone refrigerated display cases.

FEATURES

- Compact.
- Remote connectivity.
- Manage multiple alarms.
- Heating or cooling.

APPLICATIONS

- Ice Refrigeration Machine
- Reach-In Refrigeration Cooler

TECHNICAL DATA

General	
Model Number	AT2-5BS4U-BGI
Description	Refrigeration Controller, 2 NTC/PTC Sensors, 1 Digital Input, 115 VAC, Screw Terminals, RS485
UPC Code	078275150874
Brand	LAE
Country of Origin (Intermatic)	ITALY
Warranty Period	5-Year limited

Control Specifications	
Minimum Cycle Time	1 min
Mechanism Type	Electrical
Defrost LED Indicator	Red
Has Real-time Clock Face	No
Application Compatibilities	Commercial Refrigeration; Walk-in Cooler; Walk-in Freezer

Mechanical Specifications	
Mounting Options	Panel
Enclosure Type	IP55 Front

Dimensions	
Mounting Depth (mm)	70
Mounting Depth (in)	2.76
Product Dimensions (H x W x D) in	1.34 x 2.76 x 2.76 in
Panel Opening Height (in)	1.14
Panel Opening Height (mm)	29
Panel Opening Width (in)	2.80
Panel Opening Width (mm)	71
Cut-Out Width (In)	2.80

Cut-Out Width (mm)	71
Cut-Out Height (in)	1.14
Cut-Out Height (mm)	29
Wire Size Max	#10 AWG

Material Specifications	
Color	Black

Load Ratings	
Resistive Load Ratings Ranges Compressor	16 (5) A @ 240 VAC
Resistive Load Ratings Ranges Fan	7 (2) A @ 240 VAC
Resistive Load Ratings Ranges AUX1	7 (2) A @ 240 VAC

Electrical Specifications	
Wiring Option	Screw terminal block
Input Voltage Range(s)	115 VAC ±10%, 50/60 Hz
Number of Circuits Controlled	3
Electrical Life	100,000 operations at full load
Relay Type Compressor	SPST
Relay Type Fan	SPST
Relay Type AUX1	SPST

Display and Format	
Clock Display Types	LED

Packaging	
Shipping Weight (lbs)	0.48
Unit Carton Dimensions (H x W x L) in	2.5 x 3.2 x 3.6 in
Product Weight (lbs)	0.46
Product Weight (kg)	0.21

Environmental Specifications	
Storage Temperature Min (°F)	14
Storage Temperature Max (°F)	122
Storage Temperature Min (°C)	-10
Storage Temperature Max (°C)	50
Operating Humidity	0-80% RH, Non-condensing
Temperature (operation)	14 °F to 122 °F / (-10 °C to 50 °C)

Standards and Certifications	
RoHS Directive	2011/65/EU.
UL Certification	UL60730-1
Other Certifications and Compatibilities	Title 24 LAE; Green Energy
UL File Number	#SA32385
California Proposition 65	Lead; DEHP; Nickel
RoHS Certification	Y

ACCESSORIES



LCD-5S-1I
Display, BIT25



SN4B50P1
Temperature Probe, NTC 10k probe, 5.0 m, Gray



SN4B30P1
Temperature Probe, NTC 10k probe, 3.0 m, Gray



SN4B20P1
Temperature Probe, NTC 10k probe, 2.0 m, Gray



SN4B20P2-B
Temperature Probe, NTC 10k probe, 2.0 m, Blue



SN4B20P3-Y
Temperature Probe, NTC 10k probe, 2.0 m, Yellow



SN4B30P2-B
Temperature Probe, NTC 10k probe, 3.0 m, Blue



SN4B30P3-Y
Temperature Probe, NTC 10k probe, 3.0 m, Yellow



SN4B50P2-B
Temperature Probe, NTC 10k probe, 5.0 m, Blue



SN4B50P3-Y
Temperature Probe, NTC 10k probe, 5.0 m, Yellow