

Electronic Refrigeration Control - Refrigeration Controller, 2 NTC/PTC Sensors, 1 Digital Input, 230 VAC, Screw Terminals, RS485

Item AT1-5BS6E-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
- 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

APPLICATIONS

- ► Ice Refrigeration Machine
- ► Reach-In Refrigeration Cooler

TECHNICAL DATA

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Midel Number AT1-58S6E-BGI Description Refrigeration Controller, 2 NTC/PTC Sensors, 1 Digital Input, 230 VAC, Screw Terminals, RS485 Description O78275150843 Brand LAE Courtry of Origin (Internatic) ITALY Warranty Period S-Year limited Courtor Specifications Imin Minimum Cycle Time 1 min Mechanism Type Electrical Defrost LED Indicator Red Has Real-time Clock Face No Mouting Options Commercial Refrigeration; Walk-in Cooler; Walk-in Freezer Mouting Options Panel Enclosure Type IP55 Front Dimensions To5 Mouting Depth (mm) 70 Mouting Depth (n) 2.76		
Description Refrigeration Controller, 2 NTC/PTC Sensors, 1 Digital Input, 230 VAC, Screw Terminals, RS485 UPC Code 078275150843 Brand LAE Contry of Origin (Internatic) ITALY Warranty Period 5-Year limited Control Specifications Imin 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 Mounting Options Panel Enclosure Type IP55 Front Dimensions 70 Mounting Depth (in) 2.76	General	
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Has Real-time Clock FaceNoApplication CompatibilitiesCommercial Refrigeration; Walk-in Cooler; Walk-in FreezerMechanical SpecificationsPanelMounting OptionsPanelEnclosure TypePos FrontDimensionsVMounting Depth (mm)70Mounting Depth (in)2.76	Mechanism Type	Electrical
Application Compatibilities Commercial Refrigeration; Walk-in Freezer Mechanical Specifications Panel Mounting Options Panel Enclosure Type P55 Front Dimensions V Mounting Depth (mm) 70 Mounting Depth (in) 2.76	Defrost LED Indicator	Red
Mechanical Specifications Mounting Options Panel Enclosure Type IP55 Front Dimensions Volume Type Mounting Depth (mm) 70 Mounting Depth (in) 2.76	Has Real-time Clock Face	No
Mounting Options Panel Enclosure Type IP55 Front Dimensions V Mounting Depth (mm) 70 Mounting Depth (in) 2.76	Application Compatibilities	Commercial Refrigeration; Walk-in Cooler; Walk-in Freezer
Mounting Options Panel Enclosure Type IP55 Front Dimensions V Mounting Depth (mm) 70 Mounting Depth (in) 2.76		
Enclosure Type IP55 Front Dimensions Mounting Depth (im) 70 2.76	Mechanical Specifications	
Dimensions Mounting Depth (mm) 70 Mounting Depth (in) 2.76	Mounting Options	Panel
Mounting Depth (mm) 70 Mounting Depth (in) 2.76	Enclosure Type	IP55 Front
Mounting Depth (mm) 70 Mounting Depth (in) 2.76		
Mounting Depth (in) 2.76	Dimensions	
	Mounting Depth (mm)	70
Product Dimensions (H x W x D) in 1.34 x 2.76 x 2.76 in	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
Load Ratings	
Resistive Load Ratings Ranges Compressor	16 (8) A @ 240 VAC
Resistive Load Ratings Ranges Fan	7 (2) A @ 240 VAC
Electrical Specifications	
Wiring Option	Screw terminal block
Input Voltage Range(s)	230 VAC ±10%, 50/60 Hz
Number of Circuits Controlled	2
Electrical Life	100,000 operations at full load
Relay Type Compressor	SPST
Relay Type Fan	SPST
Display and Format	
Clock Display Types	LED
Packaging	
Product Weight (kg)	0.21
Unit Carton Dimensions (H x W x L) in	2.5 x 3.2 x 3.6 in
Product Weight (lbs)	0.46
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
UL File Number	#SA32385
California Proposition 65	Lead; DEHP; Nickel
RoHS Certification	Yes



ACCESSORIES



DU5S-11 Display, BD1-28, BR1-28



LCD-5S-11 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