

ATCOM™

B-Series Heat Trace Control Panels

The ATCOM B-Series panel is an independent control system for heat trace freeze-protection applications. Functionalities include Power Distribution, Ambient-Air Thermostat Control, Ground Fault Tripping, and Branch Breaker-Off Alarms.

The panel is mechanical based, controlling up to 48 circuits at 120-480V. An HOA (Hand/Off/Auto) switch is mounted on the front door. LED alarm lights are generated for loss of primary power, branch breaker voltage, and GFEP trips.

Features

- › NEMA 4/4X Enclosure
- › Power Distribution: Main Breaker, Panel Board, Circuit Breakers
- › Circuit Count: 12-48
- › Circuit Rating: 20-40A at 120-480VAC
- › Ground Fault Tripping
- › Main BRK Disconnect Handle
- › Ambient-Air Thermostat
- › Branch Breaker-Off Alarm
- › Dry Contact Alarm
- › Optional Enclosure Heating/Cooling
- › UL 508A Listed
- › Optional C1D2:
Type Z Air Purge & Pressurization



Specifications	
Operating Temperature	-4 to 122°F
Area Classification	Ordinary or Class 1 Div 2
Enclosure Rating	NEMA 4 Steel or NEMA 4X Stainless Steel
Enclosure Mounting	Wall Mount or Floor Mount
Line Voltage	120 – 480VAC, 3-Phase
Main Breaker Rating	600VAC, 3-Phase, 100-250A, Thermal Magnetic
Input	Ambient-Air Mechanical Thermostat (120-277VAC)
Output	GFEP Circuit Breaker (30mA Trip Point)
Max Output Rating	40A per circuit
Short Circuit Current Rating	25kA Main / 10kA Branch
Alarms	Line Voltage, Branch Breaker-Off (voltage sensing)
Communication	Dry Contact Alarm Signal
Approvals	UL 508A (Ordinary & C1D2, Groups A,B,C,D); File # E489368



- > **Designed and assembled in the USA**
- > **3-year repair or replacement warranty.**
Please scan the QR code to review the full details or visit [diamondthermalsystems.com/wp-content/uploads/2022/08/ATCOM_Panel_Warranty.pdf](https://www.diamondthermalsystems.com/wp-content/uploads/2022/08/ATCOM_Panel_Warranty.pdf)



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