

OEM (PARTS FOR MANUFACTURER) LINE



BREAKERMATIC®

TEMPERATURE CONTROLS FOR **REFRIGERATION AND AIR CONDITIONING EQUIPMENT**

700 LINE

BREAKERMATIC®

CTP711

PROGRAMMABLE TEMPERATURE CONTROLLER FOR REFRIGERATION EQUIPMENT IN FORCED VENTILATION APPLICATION WITH POSITIVE TEMPERATURES OR IN STATIC APPLICATIONS OF ANY TEMPERATURE.

It handles an output to operate the compressor and a temperature sensor. It allows configuring the working temperature ranges, the stop point and the temperature differential, the duration and type of delay to reconnection, stop cycles for natural defrost, temperature alarms, the disconnection voltages and the reconnection differential, for voltage protection, temperature units (°C or °F) and operating cycles in the event of sensor failure.

CTP721

PROGRAMMABLE TEMPERATURE CONTROLLER FOR REFRIGERATION EQUIPMENT IN FORCED VENTILATION APPLICATIONS WITH ELECTRIC DEFOST.

It handles an output to operate the compressor, another for the defrost heater and the evaporator fan, and a temperature sensor. It allows to configure the working temperature ranges, the stop point and the temperature differential, the duration and type of delay to reconnection, cycles for electric defrost (interval and duration), temperature alarms, the disconnection voltages and the reclosing differential for voltage protection, temperature units (°C or °F) and duty cycles in the event of sensor failure.

CTP732

PROGRAMMABLE TEMPERATURE CONTROLLER FOR REFRIGERATION EQUIPMENT IN FORCED VENTILATION APPLICATIONS WITH ELECTRIC DEFOST OR HOT GAS.

It handles three outputs to operate the compressor, defrost and evaporator fan, and two temperature sensors.

It performs a complete defrost management, allowing the setting of intervals between each defrost, maximum duration, the defrost end temperatures with drip cycles and absorption of the defrost heat.

It also allows advanced management of the evaporator fan.

It allows to configure the working temperature ranges, the stop point and the temperature differential, the duration and type of delay to reconnection, temperature alarms, the disconnection voltages and the reconnection differential for voltage protection, the units temperature (°C or °F) and operating cycles in the event of sensor failure.



CAT711

DEVICE ACTIVATING ALARM SIGNAL WHEN THE TEMPERATURE OR THE SUPPLY VOLTAGE IS OUT OF THE ACCEPTABLE LIMITS OF THE APPLICATION.

It can be used to generate an acoustic or visual signal or to activate the alarm in a remote monitoring center.

It allows to configure alarms for low and high temperature and for low and high voltage. It includes an acoustic alarm that can be silenced from the keyboard, you can also configure a threshold for the automatic disconnection of the alarm signal.

CTC711

TEMPERATURE CONTROLLER FOR HEATING APPLICATIONS UP TO 90 °C.

It has an output to control the heating element and a temperature sensor. Allows you to configure the operating temperature ranges, the stop temperature, a temperature differential or heating restart, high and low temperature alarms, and voltage protection ranges.

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CONNECTION DIAGRAMS

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IDEAL FOR
FEATURES

DEVICE	Conservation Furniture (Temperatures +)	Freezing Furniture	Exhibitors and Self-Contained Showcases Forced Ventilation (Temperatures +)	Exhibitors and Self-contained Showcases with Electric Resistance Defrost	Hot food displays and Cabinets	Beer Displays	Cellars and Cold Rooms	Static Units	Programation	Data Center and Computer Equipment	Cell Phone Cells	Warehouses and Food Stores	Hot Food Preservation	Room Heating	Pharmacies and Drugstores	Incubators	Laboratories	Pasteurizers	Number of Outputs	Number of Sensors	Digital Thermometer	Digital Thermometer and Thermostat	Allows Management Natural Defrost	Allows Management Electric Defrost	Voltage Protection High or Low	Short Cycle Protection of Refrigeration	Fully Configurable through Operation Parameters (Number of Parameters)	Audible and Silenceable Alarm	Allows advanced Defrost Management	Allows Management of the Evaporator Fan
CTP711	●	-	●	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	1	1	-	●	●	-	●	●	23	-	-	-
CTP721	-	●	-	●	-	●	●	-	-	-	-	-	-	-	-	-	-	-	1	1	-	●	-	●	●	●	23	-	-	-
CTP732	-	●	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	3	1	-	●	-	-	●	●	30	-	●	●
CAT711	-	-	-	-	-	-	-	-	-	●	●	●	-	-	●	-	●	-	1	1	●	-	-	-	-	-	14	●	-	-
CTC711	-	-	-	-	●	-	-	-	●	-	-	-	●	●	-	●	-	●	1	1	●	-	-	-	-	-	19	●	-	-

CHARACTERISTICS GENERAL:

- Universal supply voltage • Resolution to 1 decimal • Isolated outputs of the supply voltage
- Configurable by keyboard or by means of programming key • Decimal resolution in all temperature parameters • 3 1/2 digit display • 19 mm digits high • Operation alarms on screen • 3 levels of access to programming.

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TECHNICAL SPECIFICATIONS

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TECHNICAL SPECIFICATIONS:

DEVICE	Code	Supply Voltage	Maximum Current (in Output)	Maximum Load	Resolution	Measuring Range	Number of Sensors	Number of Outputs
CTP711	CTP711-MV0EST	80 - 260 VAC	Compressor : 20A	Compressor : 3/4 hp - 120 VAC 1 1/2 hp - 220 VAC	0.1°	-40° C to 40° C (-40° F to 104° F)	1	1 (SPST)
			Compressor : 10A	Compressor : 1/3 hp - 120 VAC 1/3 hp - 220 VAC				
CTP721	CTP721-MV0EST	80 - 260 VAC	Defrost Resistance : 6A	Defrost Resistance : 660 W - 120 VAC 1200 W - 220 VAC	0.1°	-40° C to 40° C (-40° F to 104° F)	1	1 (SPST) and 1 (SPDT)
			Fan Evaporator : 6A	Fan Evaporator : 1/6 hp - 120 VAC 1/6 hp - 220 VAC				
CTP732	CTP732-MV0EST	80 - 260 VAC	Compressor : 10A	Compressor : 1/3 hp - 120 VAC 1/3 hp - 220 VAC	0.1°	-40° C to 40° C (-40° F to 104° F)	2	3 (SPST)
			Defrost Resistance : 6A	Defrost Resistance : 660 W - 120 VAC 1200 W - 220 VAC				
			Fan Evaporator : 6A	Fan Evaporator : 1/6 hp - 120 VAC 1/6 hp - 220 VAC				
CAT711	CAT711-MV0EST	80 - 260 VAC	Alarm : 20A	Alarm : 2200 hp - 120 VAC 4000 hp - 220 VAC	0.1°	-40° C to 85° C	1	1 (SPST)
CTC711	CTC711-MV0EST	80 - 260 VAC	Alarm : 20A	Alarm : 2200 hp - 120 VAC 4000 hp - 220 VAC	0.1°	-9° C to 104° C	1	1 (SPST)

Dimensions (mm): 71 x 71 x 28

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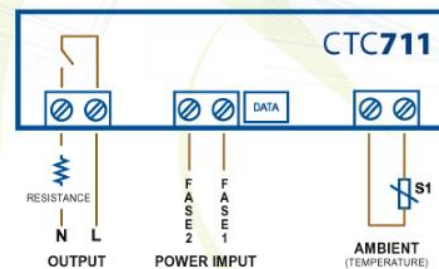
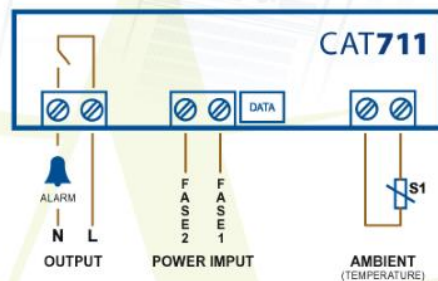
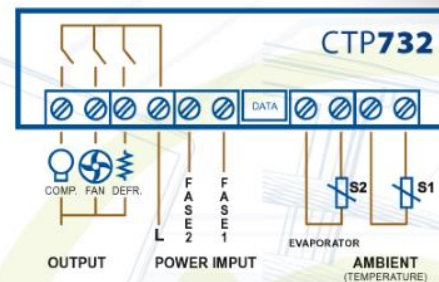
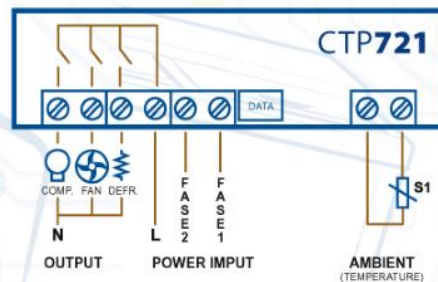
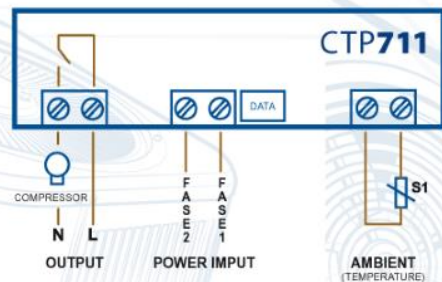
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CONNECTION DIAGRAMS:



ACCESSORY:

Practical and aesthetic Panel for mounting.

NOTE: NOT INCLUDED.

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ESPECIFICACIONES