

BREAKERMATIC®

PLUS

Electronic Protector for Refrigerators

Ideal for:

- Home Refrigerators
- Home Freezers
- Cold Water Fountains
- Ice Makers
- Beverage Containers
- Executive Refrigerators

BREAKERMATIC PLUS is an electronic protector designed to avoid damages in refrigeration appliances, due to alterations and other problems in the electrical supply.

It protects your equipment automatically by turning it off whenever there is a blackout or when it detects an extremely high or low voltage for the refrigerator to work safely. When the voltage returns to its normal level, the protector begins a delay cycle of 3 minutes approximately, before turning the equipment on again. This allows the refrigeration system to stabilize the pressure in the unit, making the re-start easier because the compression engine will work under a minimum load.

In its frontal panel, you will find different light signals that show the condition of the line and of the protector.

It connects directly to any electrical outlet, which makes its installation very easy. When doing so, your refrigerator will be protected 24 hours a day.

BREAKERMATIC PLUS is available in 110VAC or in 220VAC. Models with a TR postfix come with a grounding pin, and the models without it come with a green grounding conductor. It handles refrigerators up to 27 cubic feet or compressors up to 1/3 HP. Check the technical specifications on the reverse for more details.



PLUS

Leadership and experience in protection and electronic refrigeration control

Models:

PME-110: 10A /110 Vac

PME-220: 10A/220 Vac

Two terminal plug & grounding wire.

PME-110TR: 10A/110 Vac

PME-220TR: 10A/220 Vac

Three terminal plug.

Application:

Home & Office Refrigerators

110/220 Vac

Category:

Protector

Installation:

- Unplug the refrigerator and inspect its plugs.



- Plug the BREAKERMATIC Plus to the AC receptacle. For models with grounding wire, fix it to a screw of AC receptacle cover.



- Plug the appliance to the BREAKERMATIC Plus and wait 3 minutes until it turns on.



PME-110:	CHARACTERISTICS*	MINIMUM	TYPICAL	MAXIMUM	UNITS	TOLERANCES
	Nominal Voltage		120		V r.m.s	
	Output current			10	A r.m.s.	
	Switch type		Dry Relay			
	Max. Cap. of refrigerator compressor			1/3	H.P.	
	Output voltage range	93		138	V r.m.s	± 2%
	Delay-on-make time		210		sec.	± 20%
	Response time		1.5		sec.	± 5%
	Weight		145		grs.	± 10
	Operating temperature range	0		65	°C	

PME-220:	CHARACTERISTICS*	MINIMUM	TYPICAL	MAXIMUM	UNITS	TOLERANCES
	Nominal Voltage		220		V r.m.s	
	Output current			10	A r.m.s.	
	Switch type		Dry Relay			
	Max. Cap. of refrigerator compressor			1/3	H.P.	
	Output voltage range	200		264	V r.m.s	± 2%
	Delay-on-make time		210		sec.	± 20%
	Response time		1.5		sec.	± 5%
	Weight		145		grs.	± 10
	Operating temperature range	0		65	°C	

* Technical specifications will vary according to the model and can be changed without notice. PME-110 / REV. 3 / 01-2006