

## DOMESTIC LINE

## BREAKERMATIC®

ELECTRONIC PROTECTORS FOR AIR CONDITIONERS

**BREAKERMATIC® Aire 220VAC**, in its models: **220C, 220CM, 220C INVERTER, 220D, 220DM, 220D INVERTER, 220Y, 220YM, 220Y INVERTER, 220X1 y 220X2**, protect your 220VAC air conditioning or refrigeration appliances against damages that may be caused by blackouts, high or low voltages and transient surges. It is specially designed for equipment that comes with a plug, socket or connection plug; Therefore, the selection of the model must be made based on the type of plug or plug of the equipment to be protected.

### IDEAL FOR:

- Air conditioners (Split / Mini Split / Window) in 220VAC.
- Bottle racks, refreshments, slush machines, freezers, commercial showcases, refrigerated displays and high-capacity equipment.

### FEATURES:

- Protection against: low voltage, high voltage and blackouts.
- 4 min. waiting cycle, which allows the system to stabilize.
- Autostar: 5 sec. wait cycle. after a shutdown period longer than 10 min.
- 4 indicator LEDs that show the status of the protector.
- Fully automatic operation.
- 90° rotation system to adapt to the physical space in the power outlet.
- Knobs for voltage adjustment on the rear face of the protector (on adjustable equipment).
- Installation: Plug and play.



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to see

AVAILABLE MODELS / TECHNICAL SPECIFICATIONS

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## BREAKERMATIC® Aire 220VAC



## AVAILABLE MODELS / TECHNICAL SPECIFICATIONS:

| Model                     | Code          | Nominal Voltage | Máximum Current | Polo to Ground | Disconnection Voltages   | Transient Voltage Supervisor | Switch On/Off | Adjustable Voltage | Input Connection | Output Connection | Weight (g) |
|---------------------------|---------------|-----------------|-----------------|----------------|--|------------------------------|---------------|--------------------|------------------|-------------------|------------|
| Aire 220VAC "C"           | PIN220-C00EST | 220VAC          | 15A             | YES            | Low V. Cut-Off: 176 VAC $\pm$ 3% / High V. Cut-Off: 253 VAC $\pm$ 3%                     | -                            | NO            | NO                 | 6-15P            | 6-15R             | 217        |
| Aire 220VAC "CM"          | PIN220-CM0EST | 220VAC          | 15A             | YES            | Adjustable: Low V. Cut-Off: 149-214 VAC $\pm$ 3% / High V. Cut-Off: 214-278 VAC $\pm$ 3% | -                            | YES           | YES                | 6-15P            | 6-15R             | 225        |
| Aire 220VAC "C" Inverter* | PIN220-C++EST | 220VAC          | 15A             | YES            | Low V. Cut-Off: 176 VAC $\pm$ 3% / High V. Cut-Off: 267 VAC $\pm$ 3%                     | 470V / 820 J                 | NO            | NO                 | 6-15P            | 6-15R             | 247        |
| Aire 220VAC "D"           | PIN220-D00EST | 220VAC          | 20A             | YES            | Low V. Cut-Off: 176 VAC $\pm$ 3% / High V. Cut-Off: 253 VAC $\pm$ 3%                     | -                            | NO            | NO                 | 6-20P            | 6-20R             | 217        |
| Aire 220VAC "DM"          | PIN220-DM0EST | 220VAC          | 20A             | YES            | Adjustable: Low V. Cut-Off: 149-214 VAC $\pm$ 3% / High V. Cut-Off: 214-278 VAC $\pm$ 3% | -                            | YES           | YES                | 6-20P            | 6-20R             | 225        |
| Aire 220VAC "D" Inverter* | PIN220-D++EST | 220VAC          | 15A             | YES            | Low V. Cut-Off: 176 VAC $\pm$ 3% / High V. Cut-Off: 267 VAC $\pm$ 3%                     | 470V / 820 J                 | NO            | NO                 | 6-20P            | 6-20R             | 247        |
| Aire 220VAC "Y"           | PIN220-Y00EST | 220VAC          | 20A             | YES            | Low V. Cut-Off: 176 VAC $\pm$ 3% / High V. Cut-Off: 253 VAC $\pm$ 3%                     | -                            | NO            | NO                 | 10-20P           | 10-20R            | 217        |
| Aire 220VAC "YM"          | PIN220-YM0EST | 220VAC          | 20A             | YES            | Adjustable: Low V. Cut-Off: 149-214 VAC $\pm$ 3% / High V. Cut-Off: 214-278 VAC $\pm$ 3% | -                            | YES           | YES                | 10-20P           | 10-20R            | 225        |
| Aire 220VAC "X1"          | PIN220-X1EST  | 220VAC          | 20A             | YES            | Low V. Cut-Off: 176 VAC $\pm$ 3% / High V. Cut-Off: 253 VAC $\pm$ 3%                     | -                            | NO            | NO                 | 5-15P (B)        | 5-15R (B)         | 217        |
| Aire 220VAC "X2"          | PIN220-X2EST  | 220VAC          | 15A             | YES            | Low V. Cut-Off: 176 VAC $\pm$ 3% / High V. Cut-Off: 253 VAC $\pm$ 3%                     | -                            | NO            | NO                 | 5-15P(B)         | 6-15R             | 217        |

Contact Type: DRY RELAY

Ignition Delay (min/sec): 4:00  $\pm$  20%

Response Time (sec): 1.5

Frequency: 50/60Hz.

Dimensions (mm): 131 x 85 x 45

(\*) Special for Equipment with Inverter Technology.

return