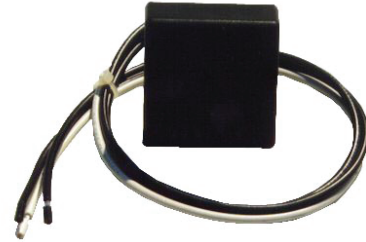


RESIDENTIAL / LIGHT INDUSTRIAL

PROTECTOR I



DESCRIPTION

The PRO I is a solid state, heavy-duty lightning arrester and transient voltage surge suppressor that is installed at the indoor service panel or on the weatherhead where the utility permits. When a destructive lightning surge enters the wiring, the PRO I clamps the voltage to a safe level in nanoseconds, absorbing the potentially dangerous pulse and dissipating it harmlessly to ground. Having protected your valuable electronic circuitry, the PRO I immediately self-restores, ready to protect against the next surge. The PRO I also protects against power switching surges and induced AC surges that are proven to be extremely destructive to computer and other electronic and electrical equipment. It is far superior to the air-gap devices which typically allow 2000 volts to pass through and damage electronic equipment. The PRO I is completely encapsulated, weatherproof and built to withstand great impact without impairing its' ability to protect against surges. The protector operates on AC power, for single phase 120/240V, three wire grounded neutral service.

SPECIFICATIONS

Peak Surge Current (8x20us).....	13.5KA
Surge Life (calculated).....	10,000 occurrences @ 100A (8x20us)
Expected Life Span.....	112 Years
Energy.....	240 Joules
Response Time.....	<5 Ns
Clamp Voltage.....	.825 V @ 10KA / 600 V @ 5KA / 385 V @ 1KA
MCOV.....	175 VAC
Current Drain.....	<100 uA
Insulation to GND.....	10KAC
Mounting.....	Through Panel
Leads.....	12 AWG, 18" length
Dimensions.....	2"W x 2"L x 1.125"D

FEATURES

- Whole House Surge Protection
- Clamps Harmful Transient Voltage Surges
- Completely Weatherproof
- Immediately Self-Restores After Each Surge
- Mounts Directly On Service Panel Or Weatherhead
- UL Listed

APPLICATIONS

For Industry: Computers, testing laboratory, motors, metering, security, fire alarm & communication equipment.

In the Home: Computers, fire/burglar alarm systems, stereo equipment, all major appliances and any other AC powered items.

On the Farm: Electric motors, submersible pumps, milking machines, incubators, freezers, refrigerators and other AC equipment.

***Note:** The protector only protects against damage due to lightning and AC power surges

HESCO/RLS

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For more information and product support call us at...

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