

## AUTOMOTIVE SURGE BLOC: 400A

### FEATURES

- Reacts instantly to voltage surges & spikes
- Eliminates electrical interference
- Provides a massive 2000 Amps absorption
- Maximises the performance of your equipment
- Ensures that you receive longer service life from your equipment
- Minimises the risk of electrical equipment failure
- Easy Installation
- Reverse Polarity Protected
- 6 Year Warranty

### DESCRIPTION

Now you can prevent untimely damage to vital electronics with the Surge Bloc 400. Originally designed to protect vital, mission critical marine electronics, the Surge Bloc is now available to the Automotive and Industrial user.

Whether it's the Entertainment System, your mobile phone, the GPS that points the way to that difficult location or the Engine Management Computer in your car, Surge Bloc provides affordable, proven protection for the discerning motorist.

All sensitive electronic equipment used today incorporates solid state components and semiconductors. This type of equipment is prone to failure due to the regular occurrence of high voltage surges, spikes, RFI (Radio Frequency Interference) and EMI (Electromagnetic Interference).

Spikes and surges occur whenever an inductive load is connected or disconnected across the power supply and can generate spikes and surges greater than a 1,000V DC.

They are caused by many types of standard equipment in every day use and include, starter motors, faulty wiring, alternator or voltage regulators, water pumps, fuel pumps and even the windscreen wipers.

Spikes and Surges if they have sufficient energy will cause an immediate equipment failure. Each time you start up or shut down your engine, high voltage surges and spikes are generated and chip away at the semi-conductor junctions and other sensitive components slowly destroying them, until one day in a weakened condition a transistor, IC chip or another component fails.

**Available in either 12 Volt or 24 Volt Model**

### SPECIFICATIONS

Maximum Continuous Current :	16 Amps
Maximum Peak Current :	25 Amps
Maximum Amps Current :	2000 Amps (8-20 $\mu$ sec)
Maximum Joules Absorption :	100 Joules (10 pulses per 450ms)
Operating Temp :	-20 to 85°C



### RECOMMENDED APPLICATIONS

- Car Audio
- Hi Fi
- Mobile Office
- Mobile Satellite Comms
- GPS
- Engine Management Computers
- Bar Code Scanner and Readers
- Vital Electrics in general
- All Other Sensitive Electronic Equipment