

PEMCO  
VSS20 Suppressor



Eliminate:  
Surges  
Line Drop  
Power Disturbances

Model VSS20

- Voltage: 120 or 240, two pole and ground
- Current: up 20 amps at 240 Volts
- Internal fault current limiting fuses
- Let through voltage at 6 kV and 3,000 Amp peak- 500 Volts
- 1 year warranty on parts and labor

Sold by Diversified Power Solutions  
1030 Arlington Avenue North  
St. Petersburg, FL 33705  
800.862.4377  
[www.diversifiedpower.com](http://www.diversifiedpower.com)



VSS20 Suppressor



Eliminate:  
Surges  
Line Drop  
Power  
Anomalies



## Technology at work for you

### PROTECTING YOUR EXPENSIVE POWER EQUIPMENT

The Viper VSS20 multi-stage suppressor contains filtering technology protected by US Patent 7,085,115.

- Multi-Stage High Energy Surge Suppression Circuitry that absorbs and reroutes surge energy to ground or, in the event of catastrophic surge, completely disconnects power.
- Multi-stage VSS provides absolute lowest clamping voltage
- Thermal disconnects for fire safety
- Patented X-Coil multi-stage design
- Dual Voltage- either 120 V or 240 V operation
- 20 amp rated
- Line Drop Over Voltage Protection
- Special Current Limiting Fuses- stop current due to high voltage line drop
- Rated for 200,000 amp symmetrical fault current
- Surge durable up to 40,000 amps peak surge current
- Heavy duty- long reliable life in field conditions
- Compact and Easy to Install
- Cord connected for easy installation
- Special 6-15 plugs insure use on correct circuits.

TECHNOLOGY THAT PROVIDES A RELIABLE SOLUTION.

## A flexible solution for total protection

### ACTUAL LINE DROP EVENT

"This past week, the local power company was working on power lines in Oldsmar. Somehow in the process of their work they managed to drop one of their live 7,200-Volt to the ground. Directly below where they were working, we (Bright House Networks) had two Power supply Cabinets. The High Voltage line made a direct bull's-eye on our equipment. As the Power line hit the ground it did not immediately blow the fuse. The line bounced around on the ground throwing sparks and fire everywhere and made contact with our Cabinets several times. Each time it hit the Power Supply cabinets it instantly melted holes and energized the equipment with thousands of volts and hundreds of amps.

When I arrived at the location and saw the damage to the exterior of the cabinets, I figured that everything inside was toast.

Thankfully, I was wrong. Throughout the entire ordeal our Power supply equipment continued to operate keeping the cable system online. Our Power supplies did switch over to standby mode once the power company's fuse finally opened and commercial power was lost to our equipment. The cable system never failed to continue operating. Each of our Power supply units was protected by PEMCO's VSS-20BH surge protectors. The only damage to any of the electronic equipment was one of the Surge Protector units was burnt up as you can see in the picture below. Had the equipment not been protected by the surge protectors, there is a high likely hood that all three Power supply units would have been destroyed, costing the company thousands of dollars."



DON'T LET THIS HAPPEN TO YOU!



TESTED TOUGH

