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CERTIFICATION
INTERNATIONAL
ISO 9001:2008
Cert № CI/12039



ANSI/IEEE C 62.41.1-2
IEC 62305-4
IEC 61643-1
IEC 60939-2
class III+III

Multi-stage Surge Protection ACDC Surge Protector



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We Care for Safety of
Your Electrical Devices !

ACDC DCAC is a leading innovative company specialized in the production of Multi-Stage Surge Protectors.

With constant investment in research and implementation of new technologies for Surge protection, ACDC DCAC company developed new innovative and unique products for surge protection of electrical devices from impulse surge and high-frequency (electromagnetic) disturbance, oscillation, spikes in power network supply, atmospheric discharges, etc.

ACDC Surge Protectors are specially designed to provide maximum protection of telecommunication systems, mobile base stations, computer and medical equipments, military equipments, industrial automation, etc..

ACDC DCAC is the only manufacturer of Multi-Stage Surge protectors in the southeast Europe (Balkan) region and is the only European producer of "Eight (8) Stages Surge Protectors".

Our expert and experienced team is at your disposal with offers of high-quality solutions for protection of your electrical devices according your needs.



Multi-State surety protection

CLASS I+II+III



Innovative

About ACDC Surge Protectors

ACDC Surge Protectors present advanced solution of multi-stage surge protection which consists of eight (8) protection stages that provide effective and reliable protection against surges and transients. They are from class I + II + III according standard IEC61643-1 and also meets the standard requirements for electromagnetic (radio) interference IEC60939-2.

The concept of Eight (8) Stages Surge Protection are exclusively original and unique on the market. The quality has been proved in many occasions, protecting highly sophisticated and sensitive equipment which is new trend on market, due to the digitalization and computerization of all processes in devices.

The changes in our approach to the Surge protection include the following: Integrated multi-stage surge protection system, New filtering designs and diagnostics system, option for ground filtering.

The products have built in 5 (five) innovations (patents) under the numbers 900836, 900545, 903566, 903567 and 904291.

ACDC DCAC Company has the knowledge and experience to provide the optimal solution for surge protection according your needs.

Multi-Stage

Technical Specifications

ACDC Surge Protectors offer a comprehensive solution in two fronts: Surge protection and hi-bidirectional filtering of power grid.

While some companies offer products for surge protection that use one of these two protective technologies ACDC Surge Protectors is the only product that use best characteristic from both of them. The unique multi-stage design provides the most advanced surge protection solution.

With installation of ACDC Surge Protectors applying of international protection standards (IEC62305-4 & ANSI/IEEE C62.41. 1-2) become simple and easy.

These protectors are expelling the need for several separate installation of surge protectors at each protection boundary zones LPZ0a/b-LPZ3 & C-A (according to IEC 62305-4 & ANSI/IEEE C62.41.1-2);

The complex analyses and multitude of criteria defined in lightning protection standard become the past. With ACDC Surge Protectors planning and installation of surge protection is not just reserved for an expert surge engineers but it is available to wide branch of professions. (engineers electricians, architects, IT...);



Surge Protection

Reduce Total Cost

The need of surge protections is growing rapidly. Newest generation of sophisticated electronic devices are more sensitive to electrostatic discharges and over-voltage spikes in power distribution networks requiring new approach to the design of protection devices with improved quality and reliability.

The approach of Integrated Multi-Stage surge protection system with ACDC Surge Protectors are significantly reduces the total cost trough:

- Applying standard IEC 62305-4 & ANSI/IEEE C62.41.1-2 (Lightning international protection standards) requires several independent surge protectors installed separately in each boundary protection zone LPZ0a/b-LPZ3 & C-A. ACDC Surge Protector presents multi-stage protection system with 8 (eight) protection stages in one device, expelling the need of using surge protectors in other protection zones, while reducing surge current up to 99% (at a single point) in LPZ0a/b-LPZ3 & C-A boundary zones;

- Easy installation and less space in power distribution boards due to the installation of multi-stage surge protectors in one place.



- A Go Green Technology
- A Green Network Power Supply
- A Increased Energy Efficiency
- B Increased Reliability and Life Spans
- C New Concept of Multi-Stage Surge Protection
- D New Innovation, New Design, New Technology
- D Standards IEC 61643-1, IEC 60939-2