



STAY POWERED UP WITH  
PREMIUM SURGE PROTECTION



**ALLTEC**

# DynaShield®

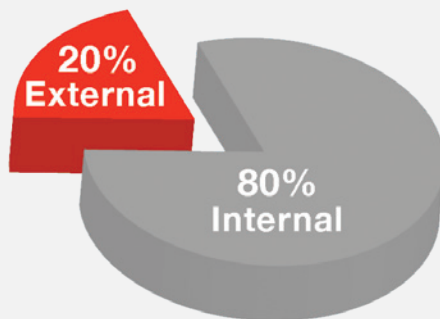
## SURGE PROTECTION DEVICES

When clean, uninterrupted power is crucial, ALLTEC's next generation surge protection devices are ready to provide the highest level of performance for the safety and reliability of your electrical systems.

Our surge protection devices incorporate many industry leading components including patented thermally protected MOV technology, some of the most advanced filtering, extremely reliable monitoring, and a commitment to supply the safest SPDs.

Electrical disturbances will occur. You must ensure the lifespan of your expensive electrical equipment is not compromised by protecting it with the best SPDs on the market. ALLTEC's DynaShield surge protection devices provide superior protection and support for a wide variety of applications.

A power quality system is not complete unless it includes strike termination devices, surge protection devices, and a grounding system. ALLTEC's Protection Pyramid depends on DynaShield surge protection products to fill this space in its comprehensive facility approach. Contact an Alltec solutions expert today to see which surge protection device fits your application best.



Transients come from both inside and outside of a facility. They can be caused by something as simple as turning on the lights or by outside factors such as power outages, lightning strikes, or utility power switching. Studies have shown that approximately 80% of transient activity are internally generated. No matter the cause of these surge events, all it takes is a small transient to cause irreparable damage to expensive equipment and electronics.

## Features & Benefits



- Listed to UL 1449 4th Edition Type 1 and 2
- Standard warranties included with each unit
- All modes protected
- Multiple options available for most models
- Status LED's
- Wide range of models offer protection for any budget
- Pre-wired pigtails to facilitate quick installations
- Individually fused and thermally protected MOV technology
- NEMA 4X polycarbonate or NEMA 12 painted steel enclosures

**Maximum safety - Maximum reliability  
from the dangers of power transients**



**1**

**ADSi**

Optimal solution for service entrances, switch gears, motor control centers, main power for oil and gas facilities, powerplants, hospitals, manufacturing facilities, and other large mission critical facilities.

**2**

**ADSc**

Ideal solution for main service entrances, branch panels, distribution equipment, and motor control centers where the much larger ADSi would not fit.

**3**

**ADSx**

ALLTEC's most popular SPD, for critical electronic equipment located in Petro-Chemical, Oil & Gas, Industrial Automation, Data Centers, & Communication Sites.

**4**

**ADSrm/ADSrs**

Protects commercial applications, branch panels, & HVAC units. The ADSrs residential version is perfect for well pumps, home automation, appliances/home entertainment, and whole house protection.

**5**

**ADSlp**

Our most compact design is specifically designed for commercial & industrial lighting panels, HVAC and Motor Controllers, Well pumps, Parking Lights, Security Systems, Highway Lighting, and Traffic Signals.

**6**

**PT-RD**

Available in either AC or DC models; is DIN Rail mounted surge protection device. Applications include LED Signs, PLC & SCADA Systems, Alarm and Security Systems, and CNC Machinery.

**7**

**KSB Series**

Slim DIN rail mounted SPDs used in mobile communication, point-of-use applications, PLC Controls, and Machinery with Limited Space.

When power quality isn't an option; it's a necessity

## Save Money

Power surges are estimated to cost \$26 billion a year in lost time, equipment repair and replacement costs.

## Reduce Risk

Eliminate the risk of down-time, damage to equipment, and injury.

## Unparalleled Support

ALLTEC's experts are available to help you choose the right product for your application

## Industry-Leading Warranty

ALLTEC's surge suppression devices come with either a 10, 5 or 3 year warranty depending on the model.







At ALLTEC, we are passionate about helping clients create robust, reliable power quality systems.

Contact us today to find out how we do it.

Visit <https://alltecglobal.com/surge-supression> for further technical details

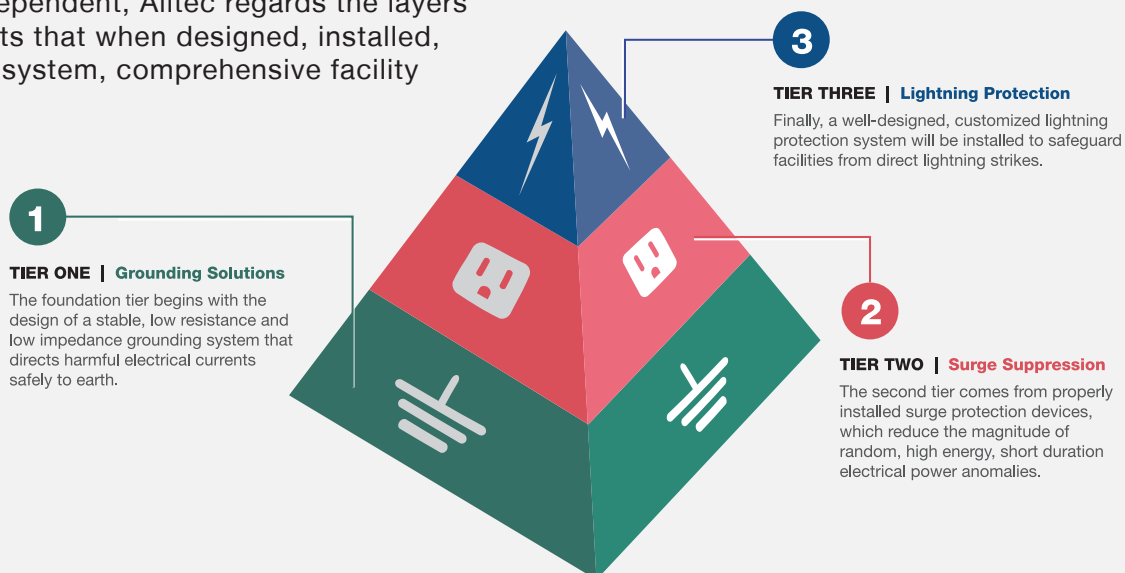


# Product Selection Guide

						
APPLICATION	ADSi	ADSc	ADSx	ADSrm	ADSrs	ADSlp
Facility Service Entrance	●	●	●			
Distribution Panels	●	●	●			
Sub-Distribution Panels		●	●			
Branch Panels (Commercial)		●	●	●		
Branch Panels (Residential)			●	●	●	
Motor Control Centers	●	●	●	●		
Programmable Logic Controllers			●	●		●
Control Panels (AC Power)			●	●		
Point-of-Use Equipment			●	●		●
HVAC and Well Pumps			●	●	●	●
Parking Lights, Traffic Signals, Security Systems			●	●		●

## We've got you covered every step of the way

The Protection Pyramid is ALLTEC's answer to the demand for a comprehensive protection plan. This three-tiered approach is designed to protect facilities - both man and machine - from lightning and non-lightning induced transient voltage damage. Each level represents a solution utilized to protect facilities from harmful electrical events. Grounding/earthing and bonding can be found on the first Tier; Tier II, surge suppression; and Tier III, lightning protection. Rather than treating these tiers as independent, Alltec regards the layers as interlocking components that when designed, installed, and maintained as a total system, comprehensive facility protection is achievable.





Grounding and Bonding Solutions • Surge Suppression • Lightning Protection



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